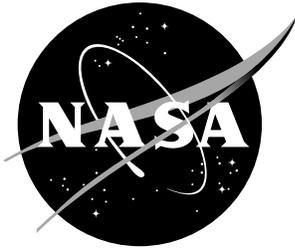


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High Amplitude Acoustic Behavior of a Slit-Orifice Backed by a Cavity

*K. K. Ahuja, R. J. Gaeta, Jr., and M. D'Agostino
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December 2000

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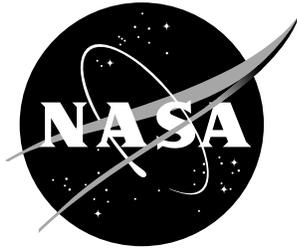
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Foreword/Acknowledgments

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Mr. Mike Jones was the Project Manager for NASA Langley Research Center. GTRI's Project Director was Dr. K.K. Ahuja.

This work was carried out to obtain data for validation of computational codes being developed by Dr. C. K. W. Tam of Florida State University. The authors would like to thank Dr. Tam for suggesting the experiment reported here. The authors would also like to thank Mr. Tony Parrott and Mr. Mike Jones of NASA Langley Research Center for their support of this work.

Note that this report is one of five separate volumes prepared to document the work conducted by GTRI under NASA Grant NAG1-1734. The GTRI report numbers, authors, and titles of each report are listed in the table below:

| GTRI Report Number | Authors | Title |
|---------------------------|--|---|
| A5004/2000-1 | Ahuja, K. K. and Gaeta, R. J. | Active Control of Liner Impedance by Varying Perforate Orifice Geometry |
| A5004/2000-2 | Ahuja, K. K., Munro, S. E. and Gaeta, R. J. | Flow Duct Data for Validation of Acoustic Liner Codes for Impedance Education |
| A5004/2000-3 | Ahuja, K. K., Gaeta, R. J. and D'Agostino, M. S. | High Amplitude Acoustic Behavior of a Slit-Orifice backed by a Cavity |
| A5004/2000-4 | Ahuja, K. K., Gaeta, R. J. and D'Agostino, M. S. | Acoustic Absorption Characteristics of an Orifice With a Mean Bias Flow |
| A5004/2000-5 | Ahuja, K. K., Cataldi, P. and Gaeta, R. J. | Sound Absorption of a 2DOF Resonant Liner with Negative Bias Flow |

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Executive Summary

The objective of the study reported here was to acquire detailed acoustic data and limited and flow visualization data for numerical validation a new model of sound absorption by a very narrow rectangular slit backed by a cavity. The sound absorption model is being developed by Dr. C. K. W. Tam of Florida State University. This report documents normal incidence impedance measurements of a singular rectangular slit orifice with no mean flow. All impedance measurements are made within a 1.12 inch (28.5 mm) diameter impedance tube using the two-microphone method for several frequencies in the range 1000 –6000Hz and incident sound pressure levels in the range 130 – 150 dB. In the interest of leaving the analysis of the data to the developers of more advanced analytical and computational models of sound absorption by narrow slits, we have refrained from giving our own explanations of the observed results, although many of the observed results can be explained using the classical explanations of sound absorption by orifices.

1.0 Introduction

The state of computational aeroacoustics has progressed to the point where direct numerical simulation (DNS) of acoustic liner performance is imminent. Dr. Chris Tam of Florida State University has developed a DNS aeroacoustics code to examine sound absorbing properties of orifices with a backing cavity¹. In an effort to help validate his model, GTRI has conducted an experiment that measures the impedance of a slit-orifice with a backing cavity for several frequencies and incident sound pressure levels. Furthermore, flow visualization using a Particle Imaging Velocimeter was obtained of the acoustic interaction with the slit-orifice cavity which allowed for qualitative assessment of the slit acoustic behavior. This report documents these impedance and flow visualization experiments.

2.0 Experimental Approach and Facilities

The numerical model of Dr. Tam¹ is two-dimensional, and employed a 0.032 inch (0.8 mm) wide slit covering a rectangular cavity whose depth was equal to the quarter-wavelength of a 3000 Hz acoustic wave (2.88 cm). Experiments conducted at GTRI used a normal incidence impedance tube with a circular cross section. With these differences noted, **Figure 1** shows the set-up of the GTRI experiments. The controlled variables in this experiment were acoustic frequency and amplitude. **Table I** shows the test conditions covered in the present study. It should be noted that 5000 Hz was not examined as a high enough amplitude could not be attained with our driver-impedance tube system. For each case, the reflection coefficient, absorption coefficient, and acoustic impedance were measured.

| Frequency [Hz] | Incident Amplitude [dB] |
|----------------|-------------------------|
| 1000 | 130, 150 |
| 2000 | 130, 150 |
| 3000 | 130, 150 |
| 4000 | 130, 150 |
| 6000 | 130, 150 |

Table I. Test conditions for slit-orifice with backing cavity.

Investigation of the fluid motion caused by the impinging sound wave near the slit-orifice was performed using an acrylic tube of nominally the same dimensions as the steel impedance tube shown in **Figure 1**. Using a Particle Image Velocimeter (PIV), a laser sheet was introduced across the width of the slit-orifice and cavity, illuminating incense smoke that was allowed to fill the tube before the driver was turned on. For 1000 Hz and 3000 Hz, images were obtained which allow visualization of the instantaneous fluid in motion at both 130 dB and 150 dB. This allowed visualization of vortex formation downstream of the slit when it took place.

2.1 Normal Incidence Impedance Tube

The normal incidence acoustic impedance was measured in a steel impedance tube that operates using the Two Microphone Method as originally described by Chung and Blaser². The general specifications of the impedance tube are detailed in reference 3. The tube's inner diameter is 1.12 inches.(28.5 mm) and an orifice plate containing the slit-orifice was placed between flanges on the impedance tube at the measurement reference plane. . A high intensity acoustic driver was used to produce sinusoidal incident acoustic waves upon the slit orifice. **Figure 2** shows the actual slit-orifice plate used in the experiments.

2.2 Normal Incidence Acoustic Flow Visualization Apparatus

GTRI uses a state-of-the-art TSI Power View PIV system. This system incorporates a high resolution, 30 frames per second CCD camera, dual-YAG lasers, and a Laser Pulse Light Arm for delivery of the laser beam. A clear acrylic tube was attached to an acoustic driver at one end and a slit-orifice with backing cavity at the other end. Dimensions of this apparatus were chosen to simulate the steel impedance tube configuration alluded to above. Indeed the same acoustic driver model was used and the same orifice plate was used. Driver voltages used in the impedance tube experiments were input to simulate the same conditions for the flow visualization apparatus. [Figure 3](#) shows a schematic of this apparatus and its “field of view.”

3.0 Data Acquisition and Reduction

Acoustic impedance was determined using acoustic measurements from two microphones that were flush mounted near the reference plane where the orifice was placed (see [Figure 1](#)). The cross-spectra data from these signals were processed with an HP 3667A Signal Analyzer and then used in the Chung and Blaser² algorithm for the Two Microphone Method processed on a Pentium II platform. A sinusoidal input from a function generator was supplied to the JBL acoustic driver via a Carvin Amplifier. The amplitude of the discrete tone was fixed at constant sound pressure level obtained from the flush-mounted microphone closest to the orifice (microphone number 2 in [Figure 1](#)). These levels were nominally 130 dB and 150 dB. It took several iterations before finding the correct driver voltage that produced the desired sound pressure level, but once found, the voltage was matched for all subsequent runs to produce a given amplitude of sound. The incident amplitude was extracted from the measured impedance via the method outlined in Chung and Blaser². Data from the microphones were analyzed from 0 – 6400 Hz with a bandwidth of 4 Hz and 64 averages.

4.0 Results

4.1 Incident Sound Pressure Level Spectra

Sound pressure level (SPL) as a function of spectra were obtained and are provided in Appendix A for use in computational models. [Figure 4a and 4b](#) show typical spectra of incident SPL for a 3000 Hz input signal for nominal amplitudes of 130 dB and 150 dB, respectively. Note that for both of these amplitudes, relatively strong harmonics exist. However, the first harmonic for the 150 dB case is almost 20 dB lower than the fundamental. For comparison purposes, the acoustic impedance was measured for an incident broadband noise signal of an average value of about 85 dB at all frequencies up to 6 kHz. [Figure 5](#) shows the incident broadband noise spectrum for this case. The impedance resulting from this broadband incident spectrum can be considered the “linear” response of the slit-orifice-cavity.

4.2 Absorption Coefficient Data

The absorption coefficient was calculated from the measured reflection coefficient using the relationship:

$$\alpha = 1 - |R|^2$$

where the complex Reflection coefficient, R , is expressed as a function of the complex normalized impedance, Z , as:

$$R = \frac{z - 1}{z + 1}$$

Figure 6 shows the absorption coefficient for the slit-orifice with backing cavity as a function of frequency and two magnitudes of incident sinusoidal tones: 130 and 150 dB. For comparison, the absorption coefficient for the low level incident broadband noise signal is also included. Note that the broadband data shows a relative peak absorption near 1086 Hz, with another peak near 6200 Hz. The latter peak corresponds to the anti-resonance condition where the reactance and resistance are near optimal for absorption. The peak at 1086 Hz corresponds approximately to the Helmholtz resonator frequency. Following Ingard's formulation⁴ for the end correction of a rectangular orifice, the approximate end correction to be applied for the slit orifice is

$$\delta_{end} = 0.4\sqrt{A_o}$$

which is less than half of its value for a circular orifice in an infinite plane. Thus, using this modified end correction and the appropriate values of orifice area and cavity volume in the classical Helmholtz equation yields a resonance frequency of 1102 Hz. This agrees remarkably well with the measured peak absorption of 1086 Hz.

Figure 6 also shows that the absorption in the vicinity of the Helmholtz resonance frequency increases significantly with increased incident SPL as evidenced by the 130 dB and 150 dB tone results. This is an indication of the nonlinear behavior of the slit-orifice. The fact that the 130 dB data has a higher absorption coefficient than the 150 dB data in the resonance region (~ 1100 Hz) may be due to better impedance matching at 130 dB.

4.3 Reflection Coefficient and Impedance Data

Figure 7 shows the reflection coefficient data for the broadband, 130 dB and 150 dB incident level cases. Both magnitude and phase are presented. The magnitude of the reflection coefficient follow trends exhibited by the absorption coefficient due to the relationship defined in equation 1. Figure 8 shows the corresponding impedance, both resistance and reactance are presented. The increased resistance as the incident SPL is increased (see Figure 8a) demonstrates the nonlinear nature of the slit-orifice under increasing incident sound energy. The frequencies at which the normalized reactance vanishes (see Figure 8b) correspond to the peak absorption frequencies of Figure 6.

4.4 Flow Visualization

Visualization of the acoustic interaction of the slit-orifice with backing cavity was performed with a PIV apparatus described in Section 2. Figure 9 shows some typical flow patterns of a relatively low and high incident SPLs occurring near the slit-orifice and in the backing cavity. At the lower incident levels (Figure 9a), flow circulation patterns are visible that correspond to patterns that Ingard and Labate⁵ first documented many years ago. The incident sound pressure levels in Figure 9a correspond approximately to levels that exist for a broadband signal. At high

incident levels (**Figure 9b**) clear indications of vortical motion is present, which is indicative of high fluctuating velocity in the orifice, thus producing vorticity formation at the orifice edges.

Figure 10 shows an instantaneous snapshot of the slit-orifice exposed to an incident sinusoidal acoustic wave of 1000 Hz at 130 dB and 150 dB. It is clear that even at 130 dB, there is a strong vortex that is convecting away from the orifice. A similar vortex can be seen at 150 dB. This suggests that strong acoustic absorption in the form of conversion of acoustic energy into vortical energy is present at these conditions as quantitatively shown in **Figure 6**.

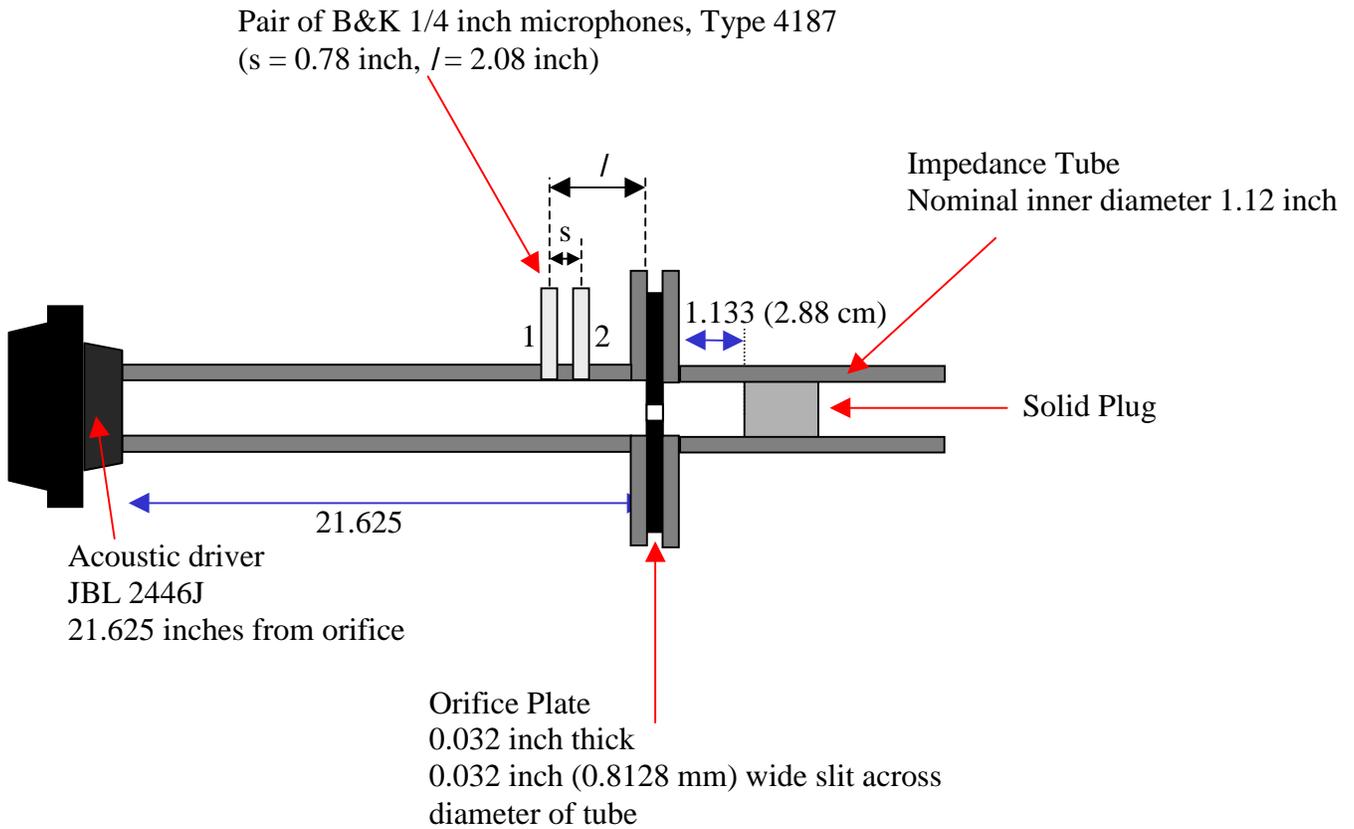
Figure 11 shows an instantaneous snapshot of the slit-orifice exposed to a incident sound wave of 3000 Hz at 130 dB and 150 dB. Note that at 130 dB, the flow patterns look similar to those observed in **Figure 9a**, i.e., for low incident SPL. This would suggest that not a lot of absorption is taking place via vorticity formation relative to 130 dB at 1000 Hz. This can be shown by comparing **Figure 10** and **Figure 11** at the 130 dB conditions. Note that the 1000 Hz flow pattern clearly shows a strong vortex at 130 dB while none is present at 3000 Hz. The absorption coefficient data of **Figure 6** confirms this. Furthermore, at 3000 Hz and 150 dB, a vortex is present, again suggesting an increase in acoustic absorption. This is also shown in the absorption coefficient data when comparing the 130 dB and 150 dB cases at 3000 Hz.

5.0 Concluding Comments

Note that the purpose of acquiring the data presented here was to provide it to Dr. Tam for validating the numerical model of sound absorption by a narrow rectangular slit orifice with a backing cavity. being developed by him. The data has been provided to him and NASA Langley Technical monitor for use by others. We understand that Dr. Tams model predicts most of our findings. A joint paper will be presented in a future conference to discuss this comparison.

6.0 References

1. Tam, C. and Kurbatskii, K. *Micro-Fluid Dynamics and Acoustics of Resonant Liners* AIAA Paper No. 99-1850, Presented at the 5th AIAA/CEAS Aeroacoustics Conference, May 10-12, Seattle, WA., 1998.
2. Chung, J. Y. and Blaser, D. A. *Transfer Function Method of Measuring In-Duct Acoustic Properties: I. Theory* Journal of the Acoustic Society of America, Volume 68, No. 3, Sept., 1980.
3. Gaeta, R. J. *Liner Impedance Modification by Varying Perforate Orifice Geometry* Ph.D. Thesis, Georgia Institute of Technology, 1998.
4. Ingard, U. *On the Theory and Design of Acoustic Resonators* Journal of the Acoustical Society of America, Volume 25, No. 6 , November, 1953.
5. Ingard, U. and Labate, S. *Acoustic Circulation Effects and the Nonlinear Impedance of Orifices* Journal of the Acoustical Society of America, Vol. 22, No. 2, March, 1950.



All Dimensions in Inches

Figure 1. Experimental set-up of GTRI impedance tube with slit-orifice cavity.

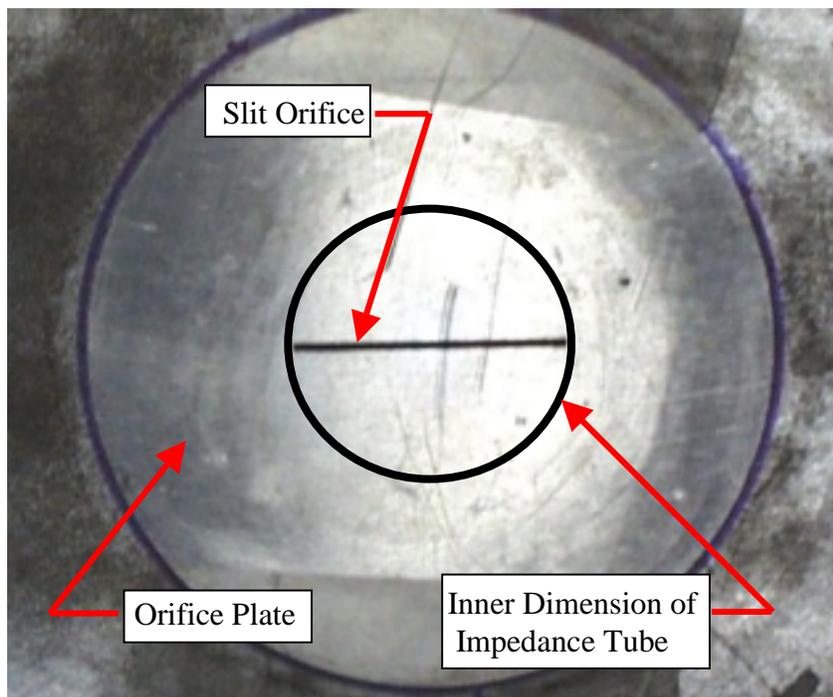


Figure 2. Slit-Orifice used with backing cavity for high amplitude impedance experiments.

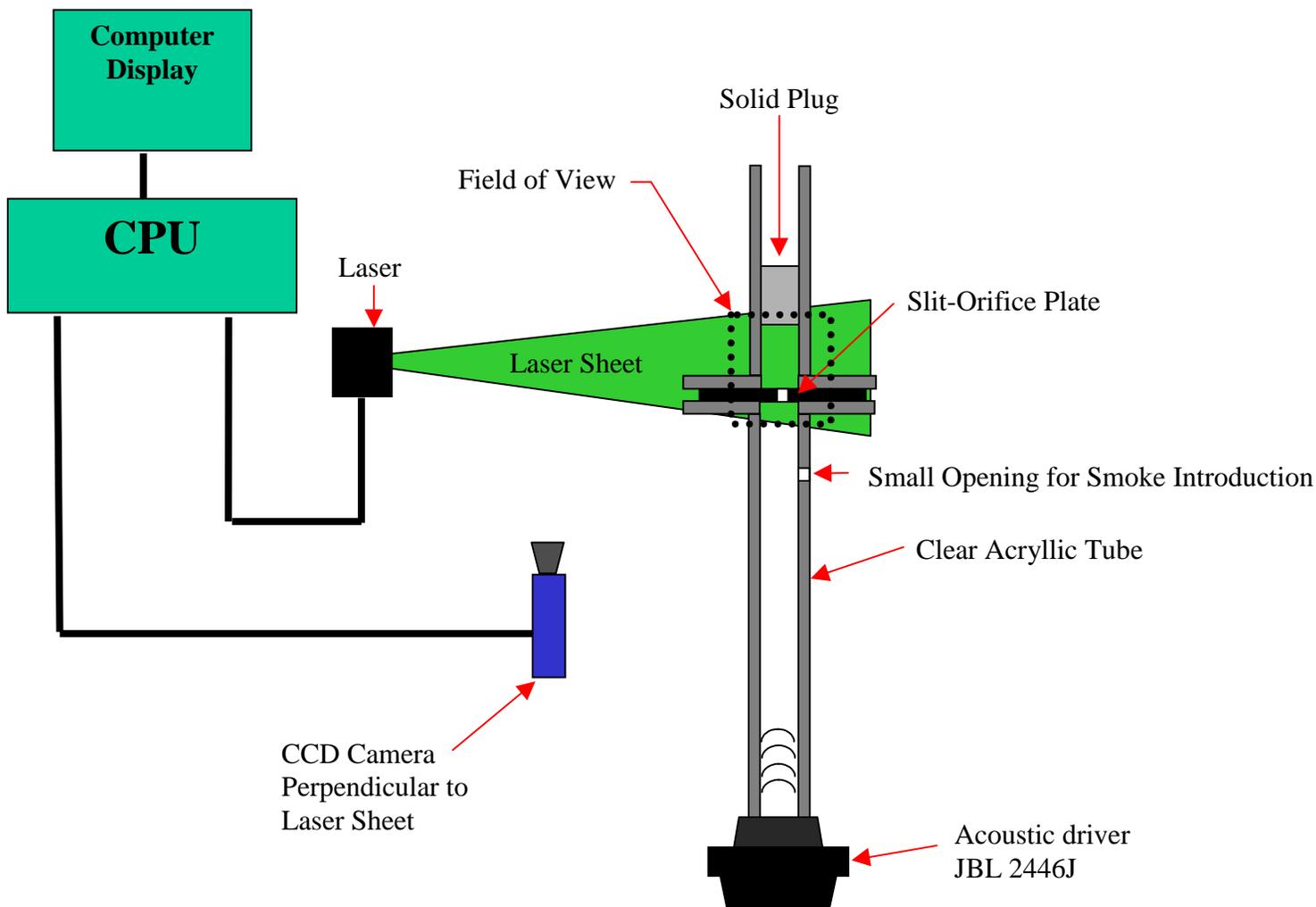
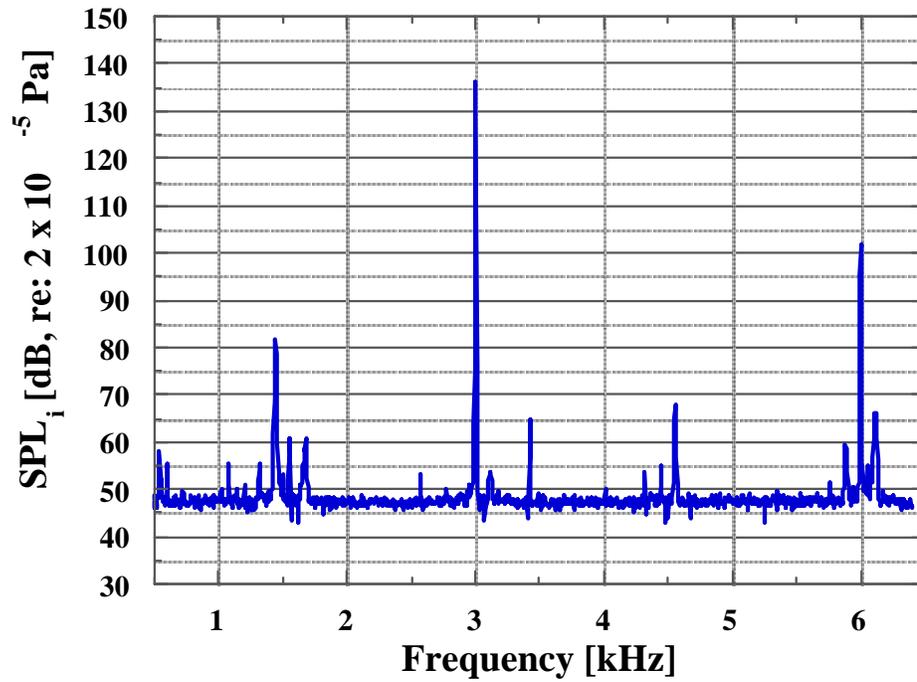
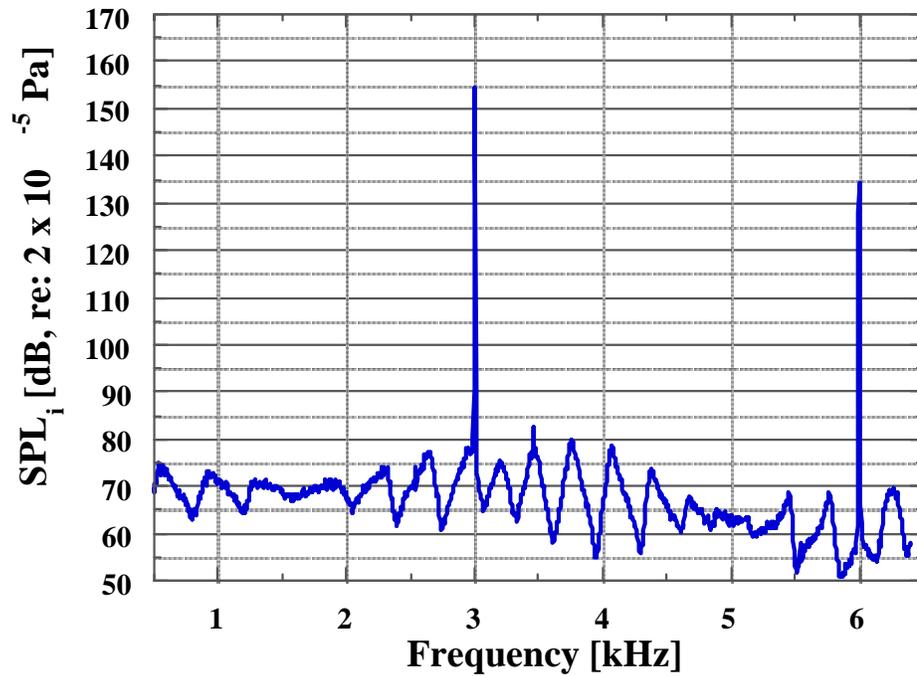


Figure 3. Experimental set-up of acoustic flow visualization apparatus.



a. Nominal 130 dB



b. Nominal 150 dB

Figure 4. Typical incident SPL spectra obtained for slit-orifice with backing cavity [0-6400 Hz; $\Delta f = 4$ Hz; 64 avgs.]

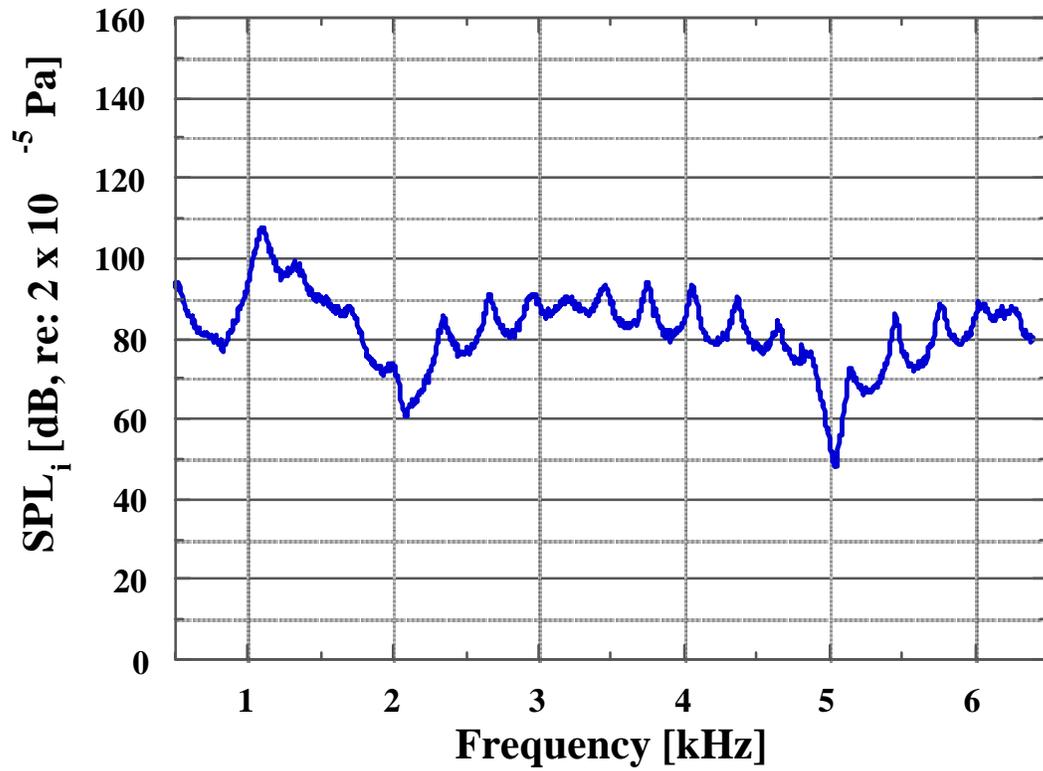


Figure 5. Incident SPL spectrum for broadband noise incident to slit-orifice with backing cavity [0-6400 Hz; $\Delta f = 4$ Hz; 64 avgs.]

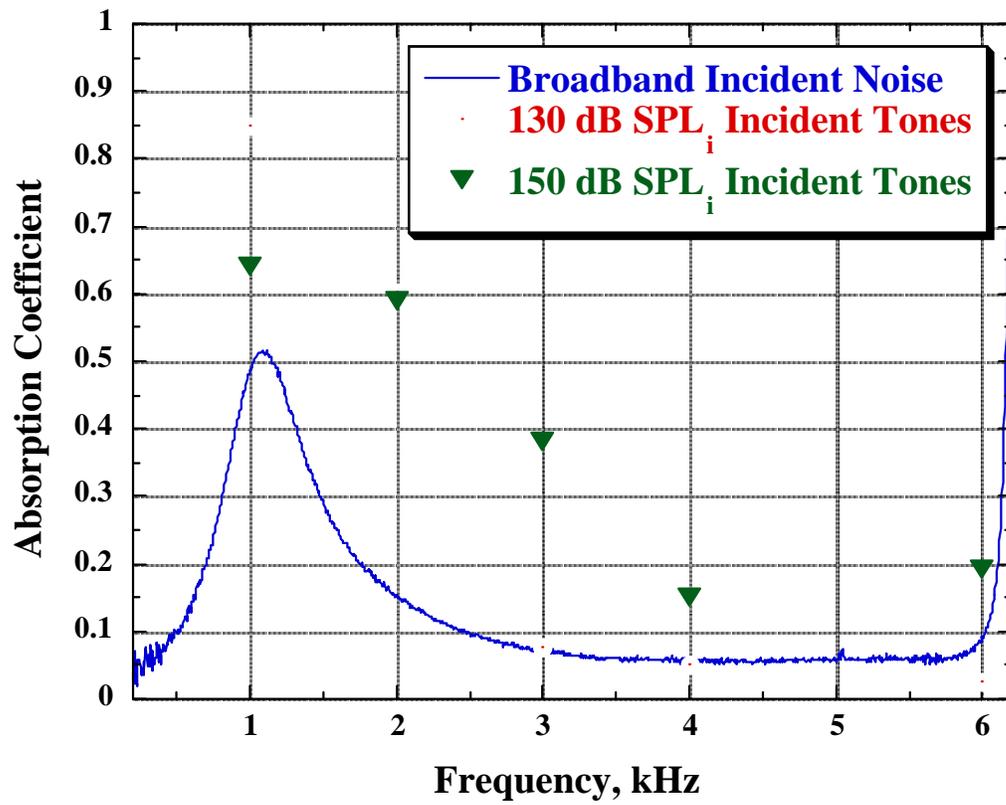


Figure 6. Absorption coefficient for slit-orifice with backing cavity for broadband and single tone input.

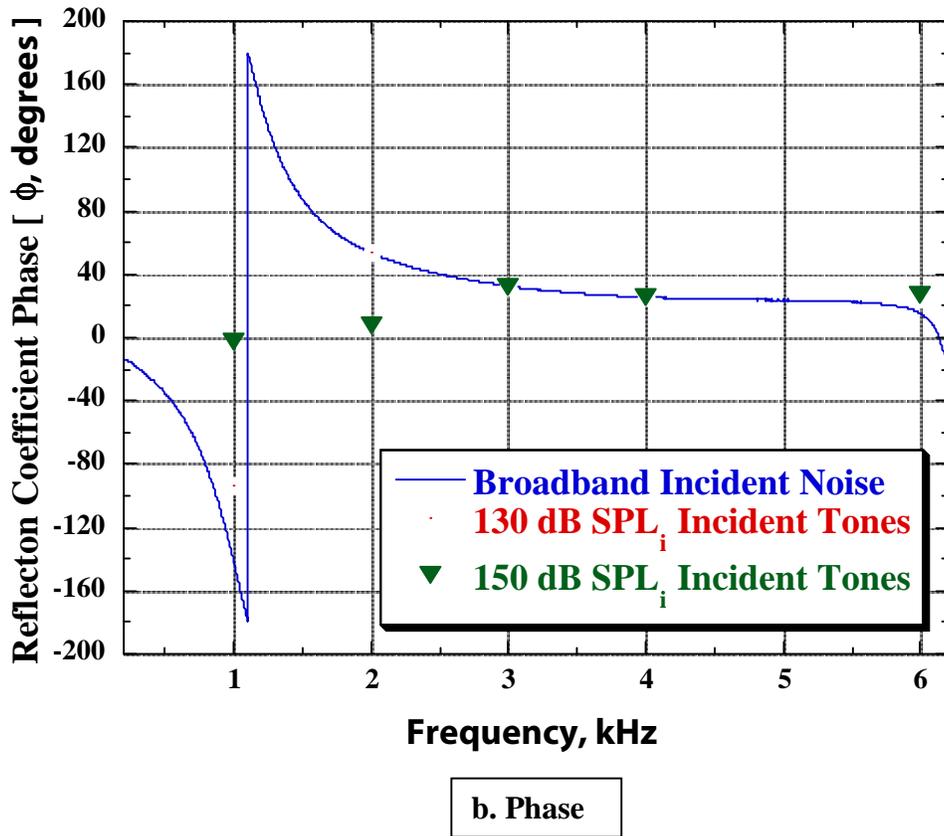
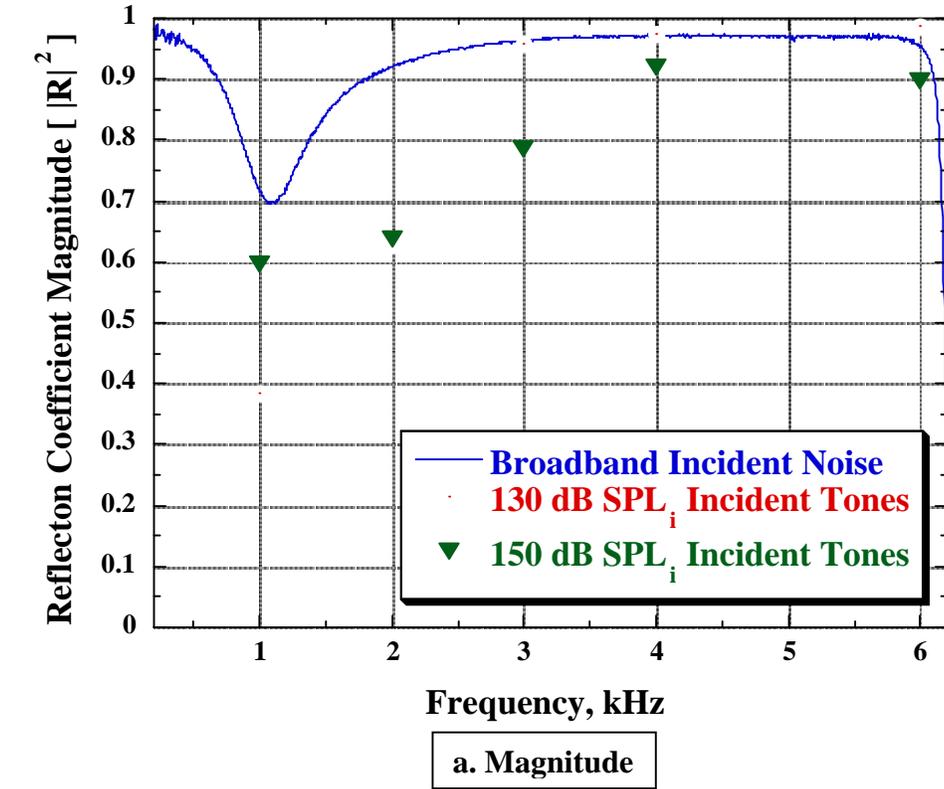
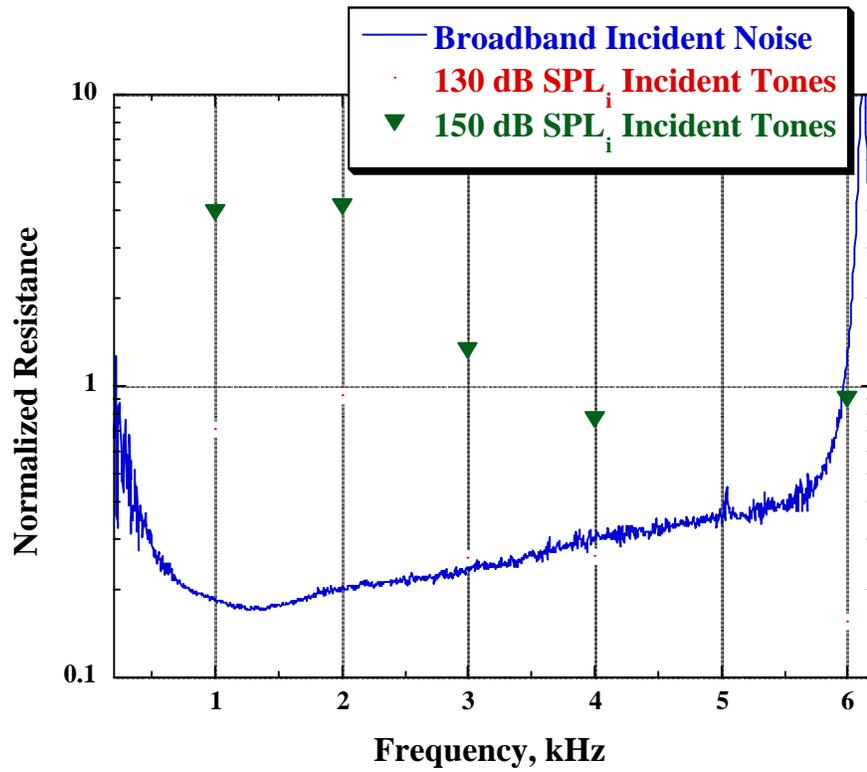
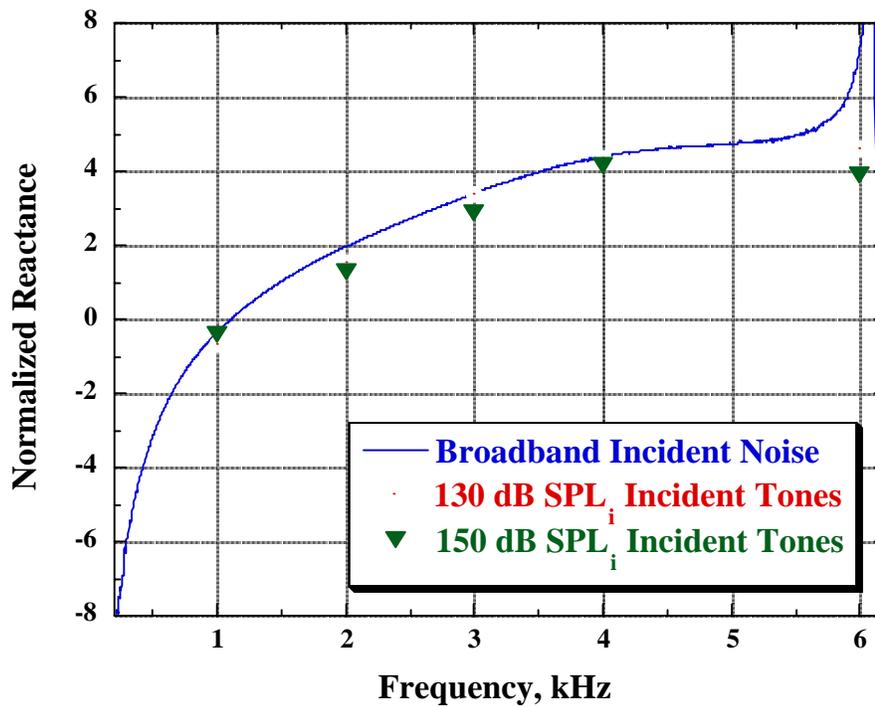


Figure 7. Reflection coefficient of slit-orifice with backing cavity for broadband and tone incident SPL.

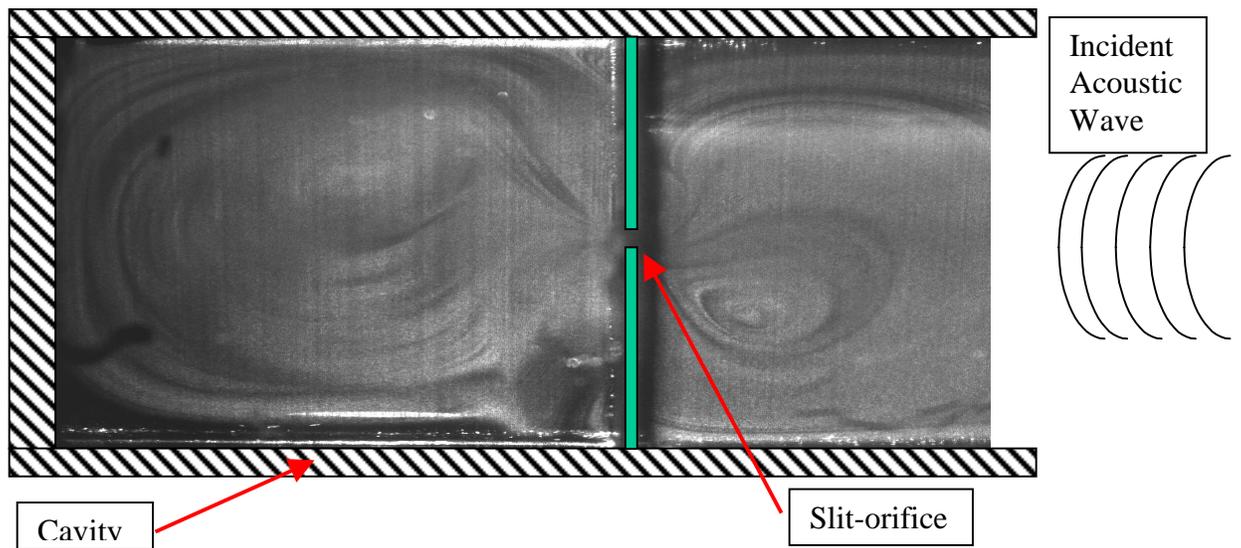


a. Normalized Resistance

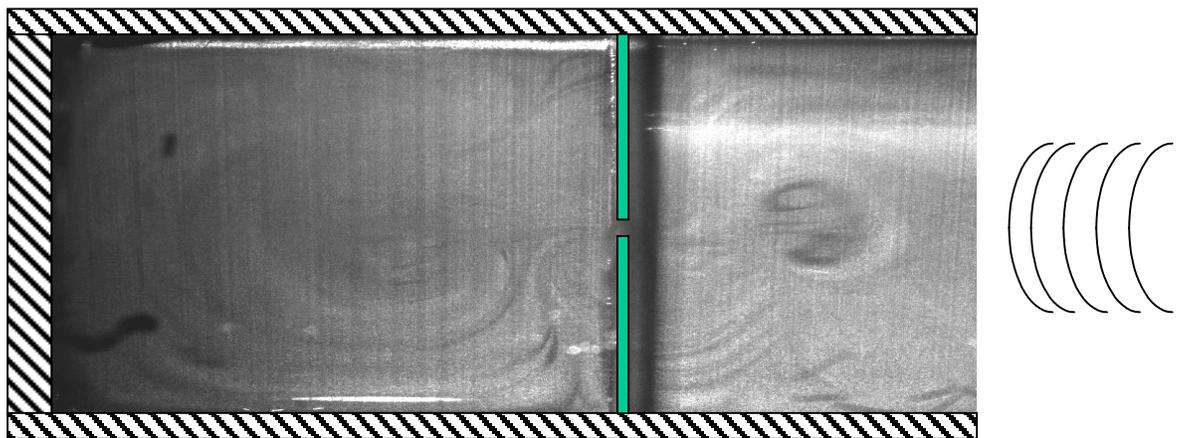


b. Normalized Reactance

Figure 8. Normalized impedance of slit-orifice with backing cavity for broadband and tone incident SPL.



a. A typical flow pattern at a relatively low incident SPL



b. A typical flow pattern at a relatively high incident SPL

Figure 9. Flow patterns for acoustic-orifice interactions: instantaneous visualization from PIV images.

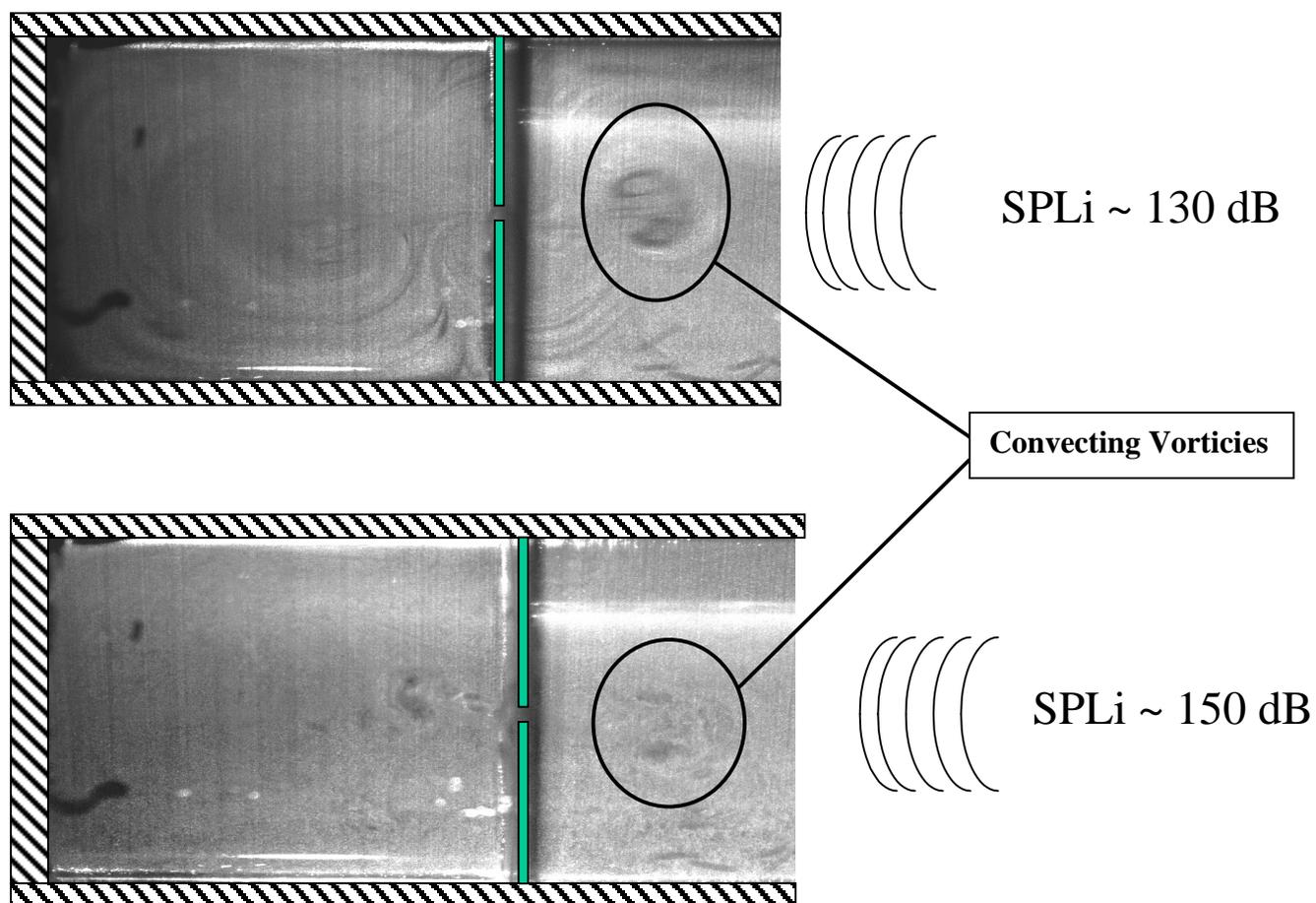


Figure 10. Flow visualization of a 1000 Hz acoustic wave incident upon a slit-orifice with backing cavity.

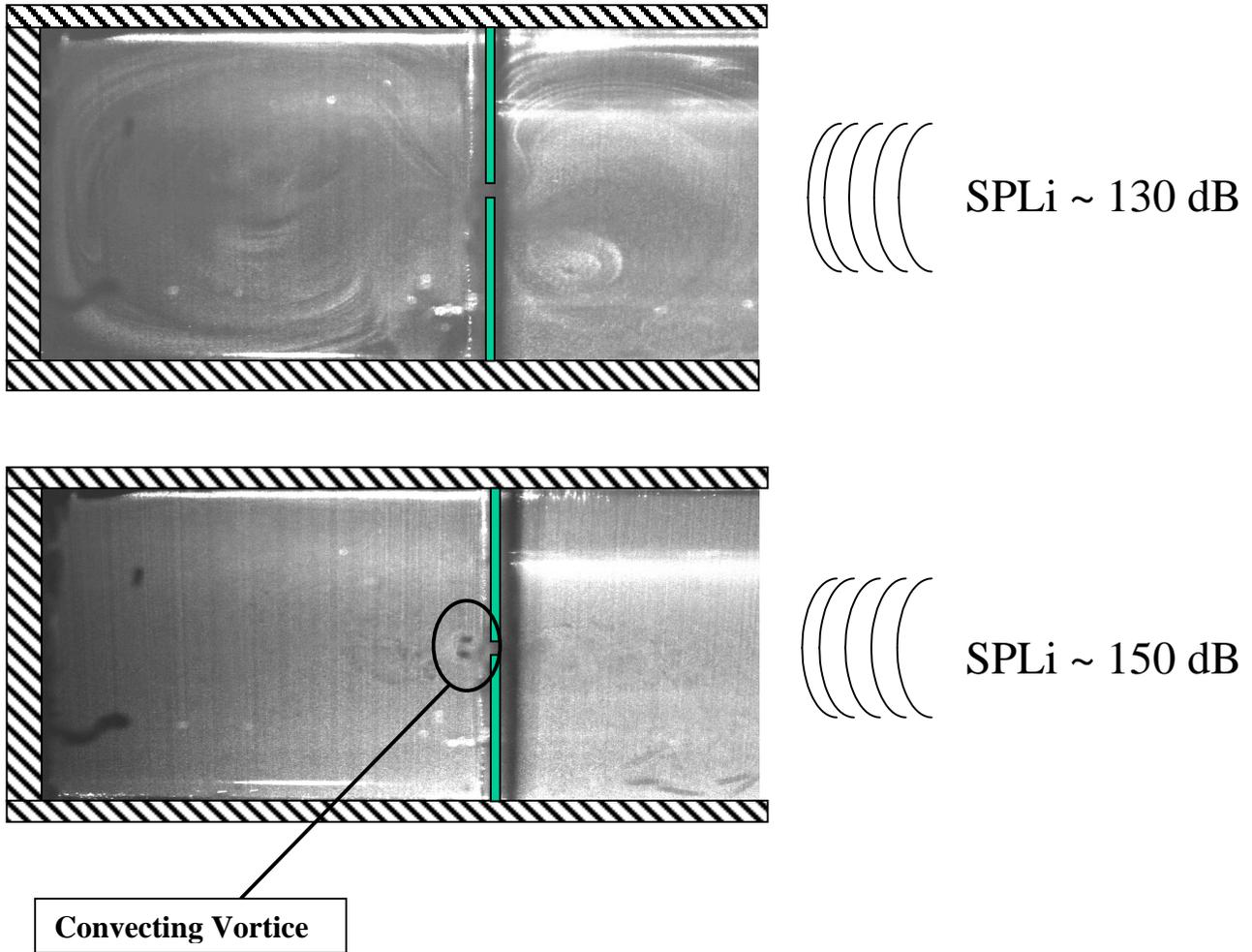


Figure 11. Flow visualization of a 3000 Hz acoustic wave incident upon a slit-orifice with backing cavity.

Appendix A

Tabulated Acoustic Reflection/Absorption Coefficients and Impedance for Tone Inputs at 1, 2, 3, 4, and 6 kHz

SPLi = 130 dB

| Freq. [kHz] | Absorp. | Ref. [Mag.] | Ref. [Phase] | R/pc | χ /pc |
|----------------|----------|----------------|-----------------|---------|------------|
| 1.0000 | 0.85120 | 0.38570 | -93.601 | 0.71100 | -0.64310 |
| 2.0000 | 0.60440 | 0.62900 | 53.498 | 0.93360 | 1.5622 |
| 3.0000 | 0.078500 | 0.95990 | 32.646 | 0.25750 | 3.3967 |
| 4.0000 | 0.050300 | 0.97450 | 25.697 | 0.25990 | 4.3696 |
| 6.0000 | 0.027300 | 0.98620 | 24.398 | 0.15510 | 4.6205 |

SPLi = 150 dB

| Freq. [kHz] | Absorp. | Ref. [Mag.] | Ref. [Phase] | R/pc | χ /pc |
|----------------|---------|----------------|-----------------|---------|------------|
| 1.0000 | 0.64250 | 0.59790 | -3.0437 | 3.9331 | -0.38870 |
| 2.0000 | 0.59120 | 0.63940 | 8.4033 | 4.1120 | 1.2998 |
| 3.0000 | 0.38240 | 0.78590 | 32.373 | 1.3180 | 2.9007 |
| 4.0000 | 0.15140 | 0.92120 | 26.232 | 0.77290 | 4.1557 |
| 6.0000 | 0.19220 | 0.89880 | 27.422 | 0.90560 | 3.9008 |

Appendix B

Tabulated Incident Sound Pressure Levels

| SPLi [Nominal 130 dB Spectra] | | | | | | |
|-------------------------------|--------|--------|--------|--------|--------|------|
| Freq. [kHz] | 1 kHz | 2 kHz | 3 kHz | 4 kHz | 6 kHz | |
| [kHz] | [dB] | [dB] | [dB] | [dB] | [dB] | [dB] |
| 0.0040000 | 83.310 | 95.030 | 96.330 | 96.920 | 97.190 | |
| 0.0080000 | 63.170 | 65.320 | 57.470 | 56.840 | 56.650 | |
| 0.0120000 | 61.960 | 64.210 | 54.770 | 54.720 | 54.770 | |
| 0.0160000 | 59.520 | 62.750 | 48.760 | 49.440 | 48.670 | |
| 0.0200000 | 58.420 | 60.790 | 47.860 | 48.130 | 48.420 | |
| 0.0240000 | 57.310 | 59.600 | 47.870 | 49.050 | 47.840 | |
| 0.0280000 | 55.730 | 58.670 | 47.700 | 47.920 | 48.000 | |
| 0.0320000 | 54.460 | 57.340 | 47.230 | 47.760 | 48.800 | |
| 0.0360000 | 53.430 | 56.600 | 46.260 | 47.350 | 48.440 | |
| 0.0400000 | 52.250 | 55.780 | 46.730 | 47.290 | 47.650 | |
| 0.0440000 | 51.790 | 54.860 | 46.890 | 47.530 | 47.350 | |
| 0.0480000 | 51.380 | 54.400 | 47.890 | 46.880 | 46.840 | |
| 0.0520000 | 50.620 | 53.830 | 47.440 | 47.110 | 46.480 | |
| 0.0560000 | 51.030 | 54.080 | 50.810 | 50.570 | 53.160 | |
| 0.0600000 | 55.310 | 55.730 | 54.630 | 54.730 | 57.940 | |
| 0.0640000 | 51.920 | 53.050 | 50.150 | 50.240 | 52.770 | |
| 0.0680000 | 48.650 | 51.370 | 46.020 | 47.590 | 47.680 | |
| 0.0720000 | 48.050 | 51.620 | 48.120 | 47.980 | 48.470 | |
| 0.0760000 | 50.120 | 52.630 | 48.580 | 49.090 | 48.480 | |
| 0.0800000 | 50.870 | 53.100 | 49.130 | 50.590 | 48.040 | |
| 0.0840000 | 49.070 | 49.900 | 47.300 | 48.030 | 47.600 | |
| 0.0880000 | 47.990 | 50.050 | 47.300 | 47.620 | 47.610 | |
| 0.0920000 | 47.410 | 49.320 | 46.910 | 47.590 | 47.990 | |
| 0.0960000 | 47.070 | 49.950 | 46.870 | 47.110 | 47.800 | |
| 0.1000000 | 47.160 | 49.670 | 47.720 | 47.500 | 46.650 | |
| 0.1040000 | 47.880 | 50.530 | 47.350 | 46.560 | 46.450 | |
| 0.1080000 | 47.710 | 50.750 | 46.370 | 47.510 | 46.410 | |
| 0.1120000 | 48.420 | 51.070 | 46.800 | 47.590 | 46.600 | |
| 0.1160000 | 48.840 | 52.230 | 48.140 | 47.820 | 46.970 | |
| 0.1200000 | 50.660 | 52.810 | 50.080 | 48.890 | 47.940 | |
| 0.1240000 | 48.780 | 51.090 | 49.160 | 48.080 | 47.380 | |
| 0.1280000 | 46.450 | 51.580 | 47.900 | 47.830 | 47.030 | |
| 0.1320000 | 48.330 | 52.060 | 48.370 | 46.670 | 47.360 | |
| 0.1360000 | 48.790 | 52.490 | 48.530 | 46.300 | 46.600 | |
| 0.1400000 | 47.740 | 52.500 | 47.380 | 47.560 | 46.670 | |
| 0.1440000 | 48.130 | 52.860 | 46.770 | 47.940 | 46.300 | |
| 0.1480000 | 48.000 | 53.330 | 46.850 | 47.680 | 47.270 | |
| 0.1520000 | 48.850 | 54.110 | 46.750 | 47.010 | 47.410 | |
| 0.1560000 | 49.730 | 54.790 | 47.740 | 48.570 | 46.760 | |
| 0.1600000 | 49.900 | 54.950 | 47.390 | 48.080 | 47.200 | |
| 0.1640000 | 48.830 | 55.110 | 47.730 | 48.230 | 46.380 | |
| 0.1680000 | 49.430 | 55.810 | 47.610 | 47.860 | 46.450 | |
| 0.1720000 | 49.460 | 56.400 | 47.040 | 47.640 | 46.870 | |
| 0.1760000 | 50.660 | 56.950 | 49.170 | 49.470 | 47.410 | |
| 0.1800000 | 53.490 | 58.000 | 51.610 | 52.810 | 47.990 | |
| 0.1840000 | 51.620 | 57.690 | 48.710 | 49.430 | 47.360 | |
| 0.1880000 | 50.970 | 57.530 | 47.400 | 46.770 | 47.080 | |
| 0.1920000 | 51.420 | 58.660 | 47.220 | 46.630 | 47.600 | |
| 0.1960000 | 51.480 | 59.810 | 47.160 | 46.850 | 46.690 | |
| 0.2000000 | 52.260 | 61.030 | 47.860 | 47.750 | 46.970 | |
| 0.2040000 | 52.820 | 60.560 | 46.760 | 47.780 | 46.840 | |
| 0.2080000 | 52.180 | 61.290 | 47.520 | 47.710 | 47.420 | |
| 0.2120000 | 53.060 | 61.970 | 46.640 | 47.280 | 47.990 | |
| 0.2160000 | 54.270 | 63.220 | 47.240 | 47.300 | 47.140 | |

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|---------|--------|--------|--------|--------|--------|
| 0.22000 | 54.210 | 63.050 | 48.150 | 48.510 | 47.720 |
| 0.22400 | 54.710 | 62.860 | 47.220 | 47.890 | 47.060 |
| 0.22800 | 55.230 | 63.800 | 47.240 | 46.970 | 47.470 |
| 0.23200 | 56.290 | 63.740 | 49.950 | 49.830 | 47.830 |
| 0.23600 | 58.650 | 67.930 | 58.500 | 58.680 | 51.320 |
| 0.24000 | 62.190 | 69.460 | 63.460 | 61.130 | 52.600 |
| 0.24400 | 58.940 | 65.160 | 56.860 | 57.340 | 49.940 |
| 0.24800 | 55.920 | 66.000 | 47.810 | 47.330 | 46.930 |
| 0.25200 | 54.320 | 64.030 | 48.350 | 47.250 | 47.710 |
| 0.25600 | 53.990 | 63.950 | 47.250 | 46.730 | 47.780 |
| 0.26000 | 56.740 | 63.600 | 47.610 | 45.590 | 47.670 |
| 0.26400 | 55.110 | 63.880 | 47.180 | 45.610 | 47.130 |
| 0.26800 | 57.260 | 63.590 | 46.420 | 46.280 | 47.580 |
| 0.27200 | 53.920 | 62.310 | 47.050 | 47.640 | 48.160 |
| 0.27600 | 53.360 | 62.480 | 45.930 | 47.750 | 47.830 |
| 0.28000 | 53.840 | 63.270 | 47.070 | 48.260 | 47.580 |
| 0.28400 | 52.420 | 62.320 | 47.830 | 47.610 | 47.360 |
| 0.28800 | 53.020 | 61.700 | 48.090 | 47.110 | 46.720 |
| 0.29200 | 52.590 | 61.650 | 47.960 | 47.430 | 47.020 |
| 0.29600 | 51.910 | 61.580 | 49.520 | 49.570 | 48.170 |
| 0.30000 | 56.510 | 61.620 | 53.280 | 53.050 | 48.490 |
| 0.30400 | 51.790 | 59.660 | 49.460 | 48.690 | 47.930 |
| 0.30800 | 51.010 | 60.210 | 46.150 | 47.710 | 46.150 |
| 0.31200 | 51.790 | 60.770 | 47.050 | 47.120 | 47.440 |
| 0.31600 | 50.540 | 60.760 | 47.470 | 45.980 | 47.240 |
| 0.32000 | 50.260 | 60.410 | 47.170 | 46.900 | 47.090 |
| 0.32400 | 52.000 | 60.360 | 47.000 | 46.760 | 46.790 |
| 0.32800 | 50.640 | 59.050 | 46.830 | 47.450 | 47.160 |
| 0.33200 | 51.530 | 58.850 | 46.930 | 47.620 | 47.490 |
| 0.33600 | 50.240 | 58.920 | 47.380 | 47.580 | 47.840 |
| 0.34000 | 49.950 | 58.270 | 46.940 | 47.690 | 47.850 |
| 0.34400 | 51.240 | 57.400 | 46.940 | 47.020 | 46.570 |
| 0.34800 | 50.570 | 57.120 | 46.430 | 46.830 | 46.360 |
| 0.35200 | 49.620 | 57.040 | 46.630 | 47.780 | 47.370 |
| 0.35600 | 54.170 | 58.260 | 52.470 | 52.770 | 49.220 |
| 0.36000 | 58.590 | 60.090 | 57.720 | 56.610 | 49.300 |
| 0.36400 | 53.710 | 58.060 | 52.020 | 52.450 | 48.120 |
| 0.36800 | 49.170 | 57.600 | 47.540 | 46.380 | 46.460 |
| 0.37200 | 48.870 | 56.450 | 46.530 | 46.280 | 47.600 |
| 0.37600 | 49.010 | 55.490 | 45.670 | 46.990 | 47.180 |
| 0.38000 | 49.470 | 55.450 | 46.750 | 47.590 | 46.580 |
| 0.38400 | 48.770 | 55.490 | 47.370 | 48.480 | 47.630 |
| 0.38800 | 49.390 | 55.410 | 46.780 | 47.960 | 47.880 |
| 0.39200 | 50.000 | 54.940 | 49.360 | 48.780 | 47.210 |
| 0.39600 | 50.030 | 54.940 | 50.360 | 50.730 | 47.250 |
| 0.40000 | 47.960 | 54.820 | 47.610 | 47.730 | 47.410 |
| 0.40400 | 48.390 | 54.220 | 46.890 | 47.840 | 47.060 |
| 0.40800 | 49.030 | 54.030 | 45.630 | 47.570 | 47.520 |
| 0.41200 | 47.610 | 54.550 | 47.400 | 47.880 | 47.130 |
| 0.41600 | 51.280 | 55.680 | 49.570 | 50.990 | 47.770 |
| 0.42000 | 55.360 | 58.070 | 52.730 | 55.900 | 47.750 |
| 0.42400 | 51.950 | 55.090 | 50.480 | 50.080 | 47.790 |
| 0.42800 | 48.740 | 53.650 | 46.980 | 48.080 | 47.580 |
| 0.43200 | 48.060 | 54.650 | 47.030 | 46.760 | 47.690 |
| 0.43600 | 47.780 | 54.660 | 47.210 | 46.350 | 46.650 |
| 0.44000 | 48.760 | 55.880 | 47.280 | 46.530 | 45.850 |
| 0.44400 | 50.000 | 56.060 | 47.300 | 46.170 | 46.860 |

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|---------|--------|--------|--------|--------|--------|
| 0.44800 | 50.220 | 55.400 | 46.770 | 47.510 | 47.290 |
| 0.45200 | 49.510 | 56.400 | 46.150 | 47.260 | 47.880 |
| 0.45600 | 50.230 | 57.270 | 47.120 | 46.830 | 48.090 |
| 0.46000 | 51.080 | 57.740 | 46.160 | 47.060 | 47.380 |
| 0.46400 | 51.560 | 58.260 | 46.350 | 47.370 | 47.530 |
| 0.46800 | 51.590 | 58.750 | 47.060 | 47.790 | 46.680 |
| 0.47200 | 52.210 | 58.590 | 46.370 | 48.260 | 46.900 |
| 0.47600 | 51.880 | 60.450 | 57.940 | 56.530 | 51.150 |
| 0.48000 | 63.870 | 62.950 | 63.850 | 64.420 | 54.150 |
| 0.48400 | 56.740 | 62.820 | 58.790 | 58.080 | 50.000 |
| 0.48800 | 54.220 | 62.380 | 47.280 | 46.830 | 48.300 |
| 0.49200 | 56.060 | 62.700 | 47.830 | 47.390 | 47.530 |
| 0.49600 | 57.040 | 62.840 | 48.610 | 46.800 | 47.170 |
| 0.50000 | 57.110 | 64.390 | 47.480 | 47.160 | 47.490 |
| 0.50400 | 57.850 | 65.700 | 46.250 | 46.970 | 47.050 |
| 0.50800 | 59.450 | 66.010 | 47.330 | 46.850 | 48.220 |
| 0.51200 | 58.300 | 66.060 | 47.180 | 47.020 | 47.610 |
| 0.51600 | 58.640 | 66.540 | 46.160 | 46.890 | 46.600 |
| 0.52000 | 59.280 | 66.000 | 46.720 | 46.930 | 47.480 |
| 0.52400 | 59.610 | 66.770 | 47.850 | 46.710 | 48.450 |
| 0.52800 | 59.400 | 67.560 | 48.380 | 47.010 | 46.890 |
| 0.53200 | 59.870 | 67.800 | 48.140 | 47.650 | 47.550 |
| 0.53600 | 60.950 | 67.770 | 53.810 | 55.000 | 52.530 |
| 0.54000 | 61.400 | 68.690 | 58.140 | 60.240 | 55.560 |
| 0.54400 | 61.830 | 68.450 | 52.750 | 54.480 | 50.440 |
| 0.54800 | 68.830 | 68.370 | 48.100 | 48.660 | 46.930 |
| 0.55200 | 67.970 | 68.400 | 52.340 | 53.890 | 47.240 |
| 0.55600 | 59.610 | 68.340 | 50.820 | 48.680 | 48.640 |
| 0.56000 | 59.020 | 67.550 | 47.250 | 46.750 | 48.230 |
| 0.56400 | 59.240 | 67.000 | 47.660 | 48.020 | 47.490 |
| 0.56800 | 58.990 | 66.650 | 47.230 | 47.930 | 47.370 |
| 0.57200 | 58.560 | 66.330 | 47.820 | 48.010 | 46.760 |
| 0.57600 | 58.370 | 66.830 | 46.640 | 47.720 | 46.890 |
| 0.58000 | 55.780 | 66.980 | 47.220 | 48.220 | 46.400 |
| 0.58400 | 57.610 | 66.760 | 47.520 | 47.590 | 47.430 |
| 0.58800 | 58.230 | 66.400 | 48.140 | 48.160 | 47.600 |
| 0.59200 | 58.080 | 65.380 | 47.180 | 47.280 | 46.790 |
| 0.59600 | 57.970 | 66.200 | 51.440 | 47.130 | 49.230 |
| 0.60000 | 59.180 | 67.230 | 55.550 | 57.300 | 50.380 |
| 0.60400 | 59.830 | 66.690 | 47.640 | 51.740 | 48.120 |
| 0.60800 | 58.080 | 65.310 | 47.830 | 46.960 | 46.890 |
| 0.61200 | 58.350 | 64.480 | 47.710 | 46.760 | 47.090 |
| 0.61600 | 58.230 | 64.270 | 47.090 | 47.600 | 47.220 |
| 0.62000 | 59.270 | 64.520 | 46.580 | 47.610 | 47.180 |
| 0.62400 | 58.750 | 64.540 | 47.330 | 47.320 | 47.900 |
| 0.62800 | 58.030 | 64.710 | 47.260 | 47.840 | 46.070 |
| 0.63200 | 57.260 | 64.410 | 46.830 | 47.250 | 46.540 |
| 0.63600 | 57.250 | 63.960 | 46.720 | 46.720 | 48.420 |
| 0.64000 | 58.020 | 64.100 | 47.480 | 46.020 | 47.000 |
| 0.64400 | 58.080 | 63.520 | 46.580 | 47.650 | 46.650 |
| 0.64800 | 58.000 | 62.920 | 47.740 | 47.600 | 47.440 |
| 0.65200 | 57.740 | 63.240 | 48.090 | 47.690 | 47.660 |
| 0.65600 | 58.310 | 63.310 | 47.390 | 48.150 | 47.680 |
| 0.66000 | 58.490 | 63.420 | 48.750 | 48.970 | 46.980 |
| 0.66400 | 58.510 | 63.670 | 47.870 | 46.930 | 47.160 |
| 0.66800 | 58.230 | 62.830 | 47.670 | 46.830 | 46.540 |
| 0.67200 | 58.640 | 62.740 | 46.350 | 46.770 | 45.930 |

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|---------|--------|--------|--------|--------|--------|
| 0.67600 | 58.490 | 62.840 | 47.690 | 47.120 | 46.930 |
| 0.68000 | 59.500 | 63.640 | 47.750 | 47.280 | 47.130 |
| 0.68400 | 59.490 | 63.310 | 48.060 | 47.390 | 46.830 |
| 0.68800 | 58.850 | 62.530 | 47.640 | 47.140 | 46.690 |
| 0.69200 | 58.620 | 62.780 | 47.660 | 47.610 | 47.360 |
| 0.69600 | 58.870 | 62.820 | 46.190 | 47.820 | 48.010 |
| 0.70000 | 58.640 | 62.810 | 46.680 | 46.830 | 47.480 |
| 0.70400 | 58.640 | 62.430 | 46.180 | 45.980 | 48.010 |
| 0.70800 | 58.890 | 62.990 | 47.030 | 47.150 | 48.080 |
| 0.71200 | 59.030 | 62.120 | 48.710 | 47.930 | 46.400 |
| 0.71600 | 58.640 | 62.460 | 48.470 | 49.920 | 46.890 |
| 0.72000 | 58.910 | 62.350 | 49.680 | 51.400 | 47.730 |
| 0.72400 | 59.480 | 61.730 | 49.410 | 48.200 | 47.380 |
| 0.72800 | 58.490 | 61.220 | 47.450 | 47.450 | 47.030 |
| 0.73200 | 57.340 | 61.190 | 47.100 | 47.350 | 46.650 |
| 0.73600 | 57.430 | 61.660 | 47.270 | 47.500 | 46.170 |
| 0.74000 | 58.150 | 61.050 | 46.540 | 47.040 | 46.960 |
| 0.74400 | 58.290 | 60.640 | 46.990 | 47.650 | 47.840 |
| 0.74800 | 58.370 | 61.410 | 47.370 | 48.030 | 47.580 |
| 0.75200 | 57.790 | 61.310 | 47.110 | 47.710 | 47.570 |
| 0.75600 | 58.460 | 61.510 | 46.860 | 47.800 | 47.340 |
| 0.76000 | 58.090 | 60.250 | 46.320 | 48.360 | 47.760 |
| 0.76400 | 57.530 | 58.820 | 46.820 | 48.070 | 47.630 |
| 0.76800 | 57.890 | 59.890 | 46.790 | 47.050 | 46.720 |
| 0.77200 | 58.010 | 59.800 | 46.890 | 48.120 | 46.060 |
| 0.77600 | 57.690 | 59.710 | 47.170 | 47.760 | 47.060 |
| 0.78000 | 58.100 | 59.280 | 47.390 | 47.900 | 47.210 |
| 0.78400 | 57.660 | 59.410 | 47.820 | 47.250 | 47.150 |
| 0.78800 | 57.510 | 59.960 | 48.750 | 47.210 | 47.870 |
| 0.79200 | 58.300 | 59.780 | 47.820 | 47.540 | 47.010 |
| 0.79600 | 58.120 | 59.360 | 47.730 | 47.170 | 47.190 |
| 0.80000 | 57.740 | 59.270 | 47.780 | 47.110 | 46.960 |
| 0.80400 | 57.280 | 58.810 | 48.060 | 46.200 | 46.380 |
| 0.80800 | 56.870 | 58.070 | 47.930 | 46.360 | 46.710 |
| 0.81200 | 57.140 | 59.420 | 48.120 | 47.340 | 47.850 |
| 0.81600 | 58.130 | 60.010 | 46.670 | 46.490 | 46.340 |
| 0.82000 | 58.050 | 59.990 | 46.090 | 47.410 | 47.600 |
| 0.82400 | 59.170 | 59.950 | 47.090 | 47.100 | 47.740 |
| 0.82800 | 59.230 | 59.880 | 47.550 | 47.910 | 46.890 |
| 0.83200 | 60.180 | 60.200 | 47.220 | 47.740 | 46.930 |
| 0.83600 | 60.530 | 59.610 | 47.750 | 47.840 | 47.190 |
| 0.84000 | 61.210 | 61.290 | 48.580 | 47.720 | 46.910 |
| 0.84400 | 59.970 | 61.700 | 46.930 | 47.500 | 47.330 |
| 0.84800 | 60.370 | 61.230 | 46.770 | 46.980 | 47.050 |
| 0.85200 | 61.010 | 62.390 | 46.130 | 46.550 | 47.920 |
| 0.85600 | 61.170 | 63.710 | 45.830 | 46.380 | 47.430 |
| 0.86000 | 60.870 | 63.340 | 46.860 | 47.320 | 47.980 |
| 0.86400 | 62.350 | 63.120 | 47.290 | 47.810 | 47.050 |
| 0.86800 | 61.970 | 63.690 | 47.630 | 48.060 | 47.360 |
| 0.87200 | 61.590 | 63.100 | 47.530 | 46.790 | 48.580 |
| 0.87600 | 62.120 | 64.010 | 47.550 | 47.310 | 47.430 |
| 0.88000 | 62.050 | 64.300 | 47.190 | 47.070 | 47.870 |
| 0.88400 | 62.270 | 64.440 | 47.760 | 45.900 | 48.400 |
| 0.88800 | 63.540 | 64.500 | 47.530 | 47.080 | 48.070 |
| 0.89200 | 63.180 | 64.430 | 47.330 | 48.180 | 47.240 |
| 0.89600 | 63.430 | 65.580 | 47.380 | 48.490 | 46.700 |
| 0.90000 | 64.310 | 66.450 | 48.650 | 48.010 | 46.880 |

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|---------|--------|--------|--------|--------|--------|
| 0.90400 | 64.080 | 66.950 | 47.520 | 46.970 | 47.220 |
| 0.90800 | 64.930 | 66.940 | 46.950 | 46.570 | 46.710 |
| 0.91200 | 64.510 | 66.300 | 47.530 | 47.240 | 46.680 |
| 0.91600 | 64.840 | 65.360 | 47.320 | 46.750 | 46.810 |
| 0.92000 | 65.100 | 65.980 | 46.460 | 48.670 | 46.770 |
| 0.92400 | 65.610 | 66.870 | 47.060 | 48.390 | 47.090 |
| 0.92800 | 65.150 | 66.570 | 47.770 | 47.180 | 46.820 |
| 0.93200 | 64.480 | 65.480 | 47.760 | 46.460 | 47.100 |
| 0.93600 | 65.090 | 65.940 | 47.050 | 46.700 | 47.260 |
| 0.94000 | 65.900 | 66.240 | 47.050 | 47.200 | 47.210 |
| 0.94400 | 65.890 | 66.890 | 47.100 | 47.060 | 47.100 |
| 0.94800 | 64.470 | 67.300 | 48.100 | 47.680 | 46.870 |
| 0.95200 | 63.930 | 67.670 | 47.200 | 47.800 | 46.980 |
| 0.95600 | 65.340 | 66.930 | 46.290 | 48.160 | 48.610 |
| 0.96000 | 65.420 | 65.700 | 48.560 | 48.940 | 50.150 |
| 0.96400 | 65.800 | 66.280 | 48.050 | 47.750 | 47.190 |
| 0.96800 | 64.850 | 66.620 | 48.270 | 47.630 | 47.380 |
| 0.97200 | 65.380 | 66.600 | 47.350 | 46.940 | 46.990 |
| 0.97600 | 66.750 | 66.690 | 47.830 | 47.200 | 46.340 |
| 0.98000 | 65.410 | 66.780 | 47.370 | 47.510 | 47.750 |
| 0.98400 | 65.670 | 65.510 | 48.250 | 47.400 | 47.770 |
| 0.98800 | 66.310 | 65.380 | 47.910 | 47.990 | 47.790 |
| 0.99200 | 69.570 | 65.550 | 47.980 | 47.300 | 47.200 |
| 0.99600 | 124.92 | 65.600 | 47.550 | 45.290 | 48.230 |
| 1.0000 | 130.97 | 66.110 | 47.380 | 46.950 | 47.480 |
| 1.0040 | 124.97 | 65.980 | 47.560 | 46.360 | 47.410 |
| 1.0080 | 69.850 | 64.560 | 47.470 | 47.890 | 47.410 |
| 1.0120 | 66.580 | 64.840 | 48.280 | 48.050 | 46.770 |
| 1.0160 | 67.000 | 65.230 | 49.170 | 49.120 | 49.810 |
| 1.0200 | 68.020 | 65.200 | 49.900 | 51.100 | 51.280 |
| 1.0240 | 67.070 | 65.640 | 47.550 | 47.940 | 47.930 |
| 1.0280 | 65.680 | 65.670 | 47.680 | 47.380 | 47.100 |
| 1.0320 | 66.090 | 65.880 | 47.950 | 48.080 | 47.860 |
| 1.0360 | 66.570 | 66.080 | 47.180 | 47.930 | 47.160 |
| 1.0400 | 66.170 | 65.180 | 47.240 | 47.000 | 47.920 |
| 1.0440 | 65.920 | 65.490 | 48.030 | 47.100 | 47.360 |
| 1.0480 | 65.720 | 65.370 | 46.390 | 46.980 | 46.580 |
| 1.0520 | 65.660 | 65.090 | 46.910 | 47.830 | 45.370 |
| 1.0560 | 66.570 | 64.760 | 47.610 | 47.880 | 47.590 |
| 1.0600 | 66.780 | 64.710 | 47.870 | 46.680 | 47.100 |
| 1.0640 | 65.850 | 64.630 | 47.300 | 46.400 | 45.800 |
| 1.0680 | 65.410 | 64.820 | 47.500 | 46.410 | 46.370 |
| 1.0720 | 65.640 | 65.050 | 48.230 | 47.010 | 46.650 |
| 1.0760 | 66.390 | 64.500 | 52.340 | 51.230 | 51.410 |
| 1.0800 | 66.410 | 64.350 | 55.310 | 55.920 | 51.900 |
| 1.0840 | 66.030 | 64.400 | 50.850 | 51.870 | 48.590 |
| 1.0880 | 65.140 | 65.160 | 47.290 | 46.070 | 47.070 |
| 1.0920 | 65.340 | 64.760 | 47.420 | 46.570 | 46.890 |
| 1.0960 | 65.110 | 63.320 | 47.270 | 47.820 | 46.680 |
| 1.1000 | 65.130 | 64.120 | 46.760 | 46.770 | 46.000 |
| 1.1040 | 64.770 | 64.360 | 46.700 | 47.840 | 47.290 |
| 1.1080 | 64.740 | 63.680 | 46.160 | 46.640 | 47.840 |
| 1.1120 | 65.050 | 63.690 | 46.240 | 46.730 | 46.830 |
| 1.1160 | 64.230 | 63.970 | 48.360 | 46.600 | 46.620 |
| 1.1200 | 64.090 | 63.450 | 48.970 | 46.250 | 46.760 |
| 1.1240 | 64.990 | 63.890 | 48.680 | 47.270 | 46.530 |
| 1.1280 | 63.320 | 63.390 | 48.330 | 47.300 | 46.310 |

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|--------|--------|--------|--------|--------|--------|
| 1.1320 | 62.140 | 63.190 | 47.800 | 46.730 | 48.340 |
| 1.1360 | 62.430 | 63.180 | 47.570 | 48.650 | 49.970 |
| 1.1400 | 61.960 | 63.470 | 50.100 | 51.690 | 51.620 |
| 1.1440 | 61.790 | 62.630 | 48.390 | 48.260 | 48.460 |
| 1.1480 | 61.010 | 62.320 | 46.990 | 46.670 | 47.970 |
| 1.1520 | 61.280 | 62.030 | 47.910 | 46.920 | 47.860 |
| 1.1560 | 61.490 | 61.510 | 46.190 | 47.610 | 48.000 |
| 1.1600 | 60.780 | 61.750 | 47.840 | 48.200 | 47.210 |
| 1.1640 | 59.570 | 61.820 | 47.260 | 48.660 | 46.820 |
| 1.1680 | 59.460 | 60.810 | 47.530 | 48.890 | 47.020 |
| 1.1720 | 58.990 | 61.410 | 46.530 | 48.200 | 47.080 |
| 1.1760 | 58.300 | 61.830 | 46.630 | 47.320 | 46.030 |
| 1.1800 | 57.780 | 62.030 | 46.430 | 47.280 | 46.760 |
| 1.1840 | 57.650 | 61.650 | 46.810 | 48.200 | 47.970 |
| 1.1880 | 57.390 | 61.410 | 47.850 | 48.010 | 47.380 |
| 1.1920 | 57.470 | 60.230 | 47.140 | 46.610 | 47.450 |
| 1.1960 | 57.500 | 60.800 | 47.940 | 46.580 | 49.970 |
| 1.2000 | 58.250 | 61.780 | 51.180 | 52.400 | 53.530 |
| 1.2040 | 57.710 | 61.190 | 46.080 | 48.570 | 48.890 |
| 1.2080 | 58.520 | 61.710 | 47.600 | 46.940 | 46.950 |
| 1.2120 | 58.760 | 61.980 | 47.950 | 47.440 | 47.840 |
| 1.2160 | 57.370 | 61.770 | 47.650 | 46.600 | 47.240 |
| 1.2200 | 57.270 | 61.260 | 47.330 | 47.540 | 47.150 |
| 1.2240 | 57.950 | 62.130 | 46.930 | 47.560 | 46.730 |
| 1.2280 | 58.160 | 61.700 | 45.380 | 47.820 | 47.330 |
| 1.2320 | 58.600 | 62.380 | 47.520 | 47.780 | 47.960 |
| 1.2360 | 58.840 | 62.780 | 47.800 | 49.060 | 47.330 |
| 1.2400 | 58.980 | 62.450 | 47.670 | 50.370 | 48.230 |
| 1.2440 | 58.220 | 62.260 | 48.210 | 50.260 | 48.100 |
| 1.2480 | 58.960 | 63.740 | 47.240 | 51.820 | 47.890 |
| 1.2520 | 58.820 | 64.080 | 46.260 | 52.260 | 48.050 |
| 1.2560 | 59.740 | 64.040 | 47.730 | 54.670 | 48.260 |
| 1.2600 | 59.740 | 64.360 | 45.660 | 47.390 | 48.470 |
| 1.2640 | 59.300 | 64.070 | 47.570 | 53.710 | 46.990 |
| 1.2680 | 59.840 | 63.870 | 46.950 | 54.310 | 47.550 |
| 1.2720 | 60.070 | 64.230 | 47.210 | 54.320 | 47.430 |
| 1.2760 | 60.410 | 64.390 | 46.930 | 55.880 | 46.540 |
| 1.2800 | 61.270 | 64.640 | 45.780 | 55.890 | 46.410 |
| 1.2840 | 61.070 | 64.130 | 45.920 | 56.640 | 46.380 |
| 1.2880 | 60.780 | 64.520 | 45.940 | 56.980 | 46.390 |
| 1.2920 | 61.100 | 65.780 | 47.620 | 57.770 | 47.350 |
| 1.2960 | 61.120 | 65.060 | 48.450 | 58.580 | 47.530 |
| 1.3000 | 61.290 | 65.230 | 48.050 | 59.420 | 48.550 |
| 1.3040 | 62.230 | 65.150 | 49.200 | 60.510 | 47.650 |
| 1.3080 | 61.980 | 65.950 | 50.890 | 61.190 | 47.700 |
| 1.3120 | 61.950 | 66.430 | 51.660 | 61.510 | 47.130 |
| 1.3160 | 62.410 | 66.060 | 54.050 | 62.850 | 52.060 |
| 1.3200 | 64.090 | 66.030 | 55.330 | 63.070 | 54.360 |
| 1.3240 | 62.750 | 65.940 | 52.540 | 62.820 | 48.260 |
| 1.3280 | 62.490 | 66.880 | 48.290 | 64.210 | 46.880 |
| 1.3320 | 62.440 | 66.940 | 48.890 | 64.360 | 46.790 |
| 1.3360 | 62.060 | 67.600 | 49.160 | 63.210 | 46.520 |
| 1.3400 | 62.430 | 67.230 | 48.140 | 62.840 | 46.590 |
| 1.3440 | 61.870 | 66.910 | 48.150 | 61.760 | 46.710 |
| 1.3480 | 62.090 | 66.980 | 48.570 | 61.890 | 47.290 |
| 1.3520 | 62.840 | 65.790 | 48.560 | 61.720 | 47.430 |
| 1.3560 | 62.940 | 66.670 | 47.810 | 60.100 | 47.150 |

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|--------|--------|--------|--------|--------|--------|
| 1.3600 | 62.620 | 67.170 | 47.430 | 58.770 | 46.710 |
| 1.3640 | 62.820 | 66.640 | 48.890 | 58.320 | 46.320 |
| 1.3680 | 62.320 | 67.310 | 48.160 | 57.570 | 47.900 |
| 1.3720 | 62.350 | 66.880 | 46.500 | 56.220 | 46.740 |
| 1.3760 | 61.910 | 67.320 | 47.380 | 55.380 | 47.360 |
| 1.3800 | 61.930 | 67.030 | 48.160 | 54.960 | 48.820 |
| 1.3840 | 61.990 | 66.910 | 49.530 | 53.820 | 48.020 |
| 1.3880 | 62.430 | 66.750 | 47.380 | 52.060 | 45.980 |
| 1.3920 | 62.290 | 66.530 | 48.000 | 51.630 | 46.670 |
| 1.3960 | 62.600 | 67.400 | 48.290 | 51.270 | 47.700 |
| 1.4000 | 62.960 | 66.600 | 48.590 | 51.810 | 47.360 |
| 1.4040 | 61.760 | 66.700 | 47.940 | 54.180 | 47.960 |
| 1.4080 | 61.670 | 66.660 | 47.730 | 53.720 | 47.920 |
| 1.4120 | 62.030 | 66.820 | 49.490 | 53.230 | 47.400 |
| 1.4160 | 62.020 | 66.680 | 49.930 | 53.720 | 46.490 |
| 1.4200 | 61.130 | 66.720 | 51.930 | 54.060 | 47.590 |
| 1.4240 | 60.680 | 67.300 | 56.890 | 53.330 | 47.460 |
| 1.4280 | 60.530 | 67.250 | 61.860 | 52.410 | 47.220 |
| 1.4320 | 60.670 | 67.070 | 69.040 | 53.180 | 47.580 |
| 1.4360 | 60.630 | 66.700 | 75.580 | 53.760 | 50.550 |
| 1.4400 | 60.420 | 67.010 | 80.070 | 55.170 | 51.480 |
| 1.4440 | 59.960 | 66.620 | 81.630 | 54.320 | 47.510 |
| 1.4480 | 63.620 | 65.940 | 78.750 | 54.730 | 46.040 |
| 1.4520 | 63.040 | 64.930 | 72.580 | 55.850 | 47.620 |
| 1.4560 | 59.910 | 65.780 | 64.910 | 56.820 | 47.260 |
| 1.4600 | 60.330 | 66.160 | 59.690 | 56.980 | 46.480 |
| 1.4640 | 60.090 | 66.710 | 53.750 | 56.230 | 46.900 |
| 1.4680 | 59.450 | 66.450 | 51.230 | 55.610 | 47.380 |
| 1.4720 | 59.730 | 65.890 | 51.650 | 54.850 | 47.640 |
| 1.4760 | 59.470 | 66.510 | 51.400 | 53.730 | 47.970 |
| 1.4800 | 58.930 | 66.260 | 50.670 | 54.570 | 46.750 |
| 1.4840 | 58.320 | 66.330 | 49.050 | 55.430 | 46.600 |
| 1.4880 | 58.500 | 65.420 | 48.970 | 55.310 | 48.170 |
| 1.4920 | 59.110 | 66.050 | 51.810 | 55.270 | 48.190 |
| 1.4960 | 58.510 | 66.060 | 53.090 | 55.380 | 47.270 |
| 1.5000 | 58.200 | 65.210 | 51.100 | 55.140 | 47.430 |
| 1.5040 | 58.210 | 65.310 | 50.150 | 53.110 | 47.040 |
| 1.5080 | 58.160 | 65.090 | 47.920 | 52.660 | 46.620 |
| 1.5120 | 57.190 | 64.560 | 47.210 | 53.220 | 47.980 |
| 1.5160 | 57.420 | 63.980 | 47.450 | 54.570 | 47.620 |
| 1.5200 | 57.450 | 64.080 | 48.010 | 55.260 | 47.070 |
| 1.5240 | 56.880 | 64.010 | 48.740 | 53.050 | 46.750 |
| 1.5280 | 56.770 | 64.150 | 47.730 | 50.710 | 47.320 |
| 1.5320 | 56.930 | 63.820 | 46.320 | 50.910 | 46.940 |
| 1.5360 | 56.700 | 63.690 | 48.190 | 50.220 | 46.100 |
| 1.5400 | 56.600 | 63.580 | 50.880 | 45.000 | 46.930 |
| 1.5440 | 55.980 | 63.340 | 51.740 | 49.860 | 47.550 |
| 1.5480 | 54.970 | 63.620 | 57.250 | 53.350 | 47.380 |
| 1.5520 | 55.130 | 63.090 | 59.500 | 50.500 | 47.120 |
| 1.5560 | 54.910 | 63.710 | 60.700 | 49.870 | 45.410 |
| 1.5600 | 55.070 | 62.810 | 58.580 | 50.140 | 47.540 |
| 1.5640 | 54.660 | 62.330 | 43.330 | 42.100 | 47.210 |
| 1.5680 | 55.280 | 63.720 | 49.150 | 49.590 | 48.250 |
| 1.5720 | 55.430 | 64.000 | 47.950 | 49.240 | 47.290 |
| 1.5760 | 54.080 | 62.860 | 47.870 | 49.320 | 47.160 |
| 1.5800 | 54.560 | 63.460 | 48.010 | 49.270 | 48.170 |
| 1.5840 | 54.710 | 62.510 | 47.160 | 49.490 | 47.100 |

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|--------|--------|--------|--------|--------|--------|
| 1.5880 | 55.110 | 62.110 | 48.910 | 49.130 | 46.940 |
| 1.5920 | 54.900 | 62.570 | 46.870 | 49.760 | 47.080 |
| 1.5960 | 53.840 | 62.090 | 46.460 | 49.980 | 47.400 |
| 1.6000 | 54.140 | 63.480 | 46.680 | 46.730 | 47.700 |
| 1.6040 | 54.920 | 63.540 | 46.650 | 47.600 | 47.070 |
| 1.6080 | 55.420 | 63.130 | 47.360 | 46.370 | 47.930 |
| 1.6120 | 56.350 | 63.380 | 48.820 | 48.770 | 49.050 |
| 1.6160 | 56.100 | 63.680 | 48.080 | 47.840 | 48.230 |
| 1.6200 | 55.110 | 63.400 | 43.010 | 47.700 | 48.430 |
| 1.6240 | 54.420 | 63.610 | 48.080 | 47.100 | 48.220 |
| 1.6280 | 55.030 | 63.930 | 47.740 | 46.600 | 47.780 |
| 1.6320 | 56.270 | 64.180 | 50.820 | 48.380 | 47.630 |
| 1.6360 | 56.430 | 65.090 | 50.490 | 48.380 | 47.540 |
| 1.6400 | 56.740 | 64.320 | 50.560 | 49.110 | 47.300 |
| 1.6440 | 55.610 | 65.280 | 51.270 | 50.000 | 47.620 |
| 1.6480 | 56.420 | 66.390 | 52.140 | 48.390 | 46.890 |
| 1.6520 | 57.310 | 65.500 | 53.750 | 48.310 | 47.380 |
| 1.6560 | 57.380 | 66.020 | 54.790 | 47.690 | 47.630 |
| 1.6600 | 57.330 | 65.930 | 55.820 | 47.370 | 46.990 |
| 1.6640 | 57.670 | 66.180 | 57.710 | 47.930 | 46.760 |
| 1.6680 | 57.090 | 66.360 | 58.390 | 48.900 | 45.290 |
| 1.6720 | 57.760 | 65.400 | 57.970 | 49.270 | 46.980 |
| 1.6760 | 58.260 | 66.090 | 58.490 | 46.700 | 47.100 |
| 1.6800 | 57.860 | 66.000 | 60.590 | 48.290 | 48.390 |
| 1.6840 | 57.670 | 66.840 | 58.970 | 48.510 | 47.460 |
| 1.6880 | 57.790 | 66.880 | 54.420 | 47.010 | 47.400 |
| 1.6920 | 57.970 | 66.570 | 52.430 | 50.200 | 47.150 |
| 1.6960 | 57.620 | 66.690 | 50.370 | 49.060 | 46.970 |
| 1.7000 | 57.290 | 67.590 | 48.940 | 49.050 | 46.870 |
| 1.7040 | 57.540 | 66.580 | 47.550 | 47.490 | 47.390 |
| 1.7080 | 58.300 | 66.010 | 47.780 | 48.400 | 48.880 |
| 1.7120 | 58.650 | 65.810 | 47.360 | 49.930 | 47.350 |
| 1.7160 | 58.510 | 66.470 | 46.770 | 48.370 | 47.320 |
| 1.7200 | 58.870 | 66.900 | 46.890 | 48.540 | 46.750 |
| 1.7240 | 58.180 | 66.490 | 47.050 | 46.010 | 47.060 |
| 1.7280 | 58.580 | 66.520 | 46.870 | 44.740 | 47.300 |
| 1.7320 | 59.700 | 66.900 | 47.350 | 48.300 | 46.920 |
| 1.7360 | 59.030 | 67.050 | 46.970 | 48.120 | 46.540 |
| 1.7400 | 57.620 | 66.980 | 48.410 | 48.330 | 47.500 |
| 1.7440 | 58.590 | 67.560 | 48.490 | 47.270 | 47.510 |
| 1.7480 | 58.440 | 67.140 | 47.020 | 47.780 | 46.530 |
| 1.7520 | 58.640 | 65.680 | 46.260 | 47.500 | 46.790 |
| 1.7560 | 59.320 | 67.220 | 46.510 | 47.470 | 46.810 |
| 1.7600 | 59.080 | 67.420 | 47.370 | 50.660 | 43.580 |
| 1.7640 | 59.320 | 67.210 | 48.260 | 48.040 | 47.350 |
| 1.7680 | 58.210 | 67.460 | 48.070 | 47.000 | 47.650 |
| 1.7720 | 58.720 | 67.130 | 47.060 | 46.910 | 46.700 |
| 1.7760 | 59.130 | 67.410 | 47.190 | 48.190 | 45.510 |
| 1.7800 | 58.910 | 66.700 | 47.700 | 47.090 | 48.230 |
| 1.7840 | 59.250 | 66.500 | 47.280 | 46.770 | 48.060 |
| 1.7880 | 58.330 | 66.110 | 47.650 | 47.030 | 47.620 |
| 1.7920 | 57.850 | 67.000 | 47.360 | 46.440 | 46.800 |
| 1.7960 | 57.840 | 67.580 | 47.040 | 47.250 | 46.940 |
| 1.8000 | 57.970 | 67.520 | 47.650 | 47.470 | 46.630 |
| 1.8040 | 58.260 | 68.400 | 48.350 | 47.550 | 47.140 |
| 1.8080 | 58.210 | 68.160 | 47.610 | 47.540 | 46.800 |
| 1.8120 | 58.710 | 67.680 | 46.840 | 47.730 | 47.050 |

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|--------|--------|--------|--------|--------|--------|
| 1.8160 | 58.910 | 67.390 | 47.620 | 47.550 | 46.270 |
| 1.8200 | 58.660 | 68.360 | 44.800 | 47.590 | 46.640 |
| 1.8240 | 57.820 | 68.700 | 47.410 | 48.850 | 46.490 |
| 1.8280 | 57.980 | 67.850 | 46.880 | 47.740 | 47.630 |
| 1.8320 | 58.200 | 67.930 | 48.160 | 50.160 | 46.860 |
| 1.8360 | 57.970 | 68.160 | 47.390 | 48.210 | 47.420 |
| 1.8400 | 58.640 | 67.830 | 46.530 | 47.410 | 47.970 |
| 1.8440 | 57.580 | 67.650 | 47.510 | 47.420 | 48.270 |
| 1.8480 | 56.620 | 67.670 | 48.530 | 47.180 | 47.760 |
| 1.8520 | 56.960 | 67.720 | 47.920 | 47.620 | 48.680 |
| 1.8560 | 57.270 | 67.970 | 48.330 | 47.500 | 47.420 |
| 1.8600 | 56.950 | 66.950 | 47.640 | 47.860 | 47.680 |
| 1.8640 | 57.210 | 66.620 | 47.930 | 48.450 | 47.200 |
| 1.8680 | 57.310 | 67.500 | 48.120 | 47.650 | 47.240 |
| 1.8720 | 58.220 | 67.950 | 45.740 | 47.780 | 47.440 |
| 1.8760 | 57.810 | 67.330 | 46.200 | 49.150 | 47.140 |
| 1.8800 | 57.510 | 68.140 | 47.030 | 48.390 | 46.700 |
| 1.8840 | 56.920 | 68.100 | 47.290 | 49.150 | 47.400 |
| 1.8880 | 56.200 | 67.550 | 47.190 | 46.550 | 47.120 |
| 1.8920 | 55.250 | 66.740 | 46.630 | 47.000 | 47.310 |
| 1.8960 | 55.360 | 67.030 | 46.560 | 47.090 | 46.710 |
| 1.9000 | 56.720 | 66.980 | 48.170 | 47.210 | 46.220 |
| 1.9040 | 56.930 | 67.610 | 47.400 | 48.080 | 45.150 |
| 1.9080 | 56.130 | 67.860 | 47.250 | 48.900 | 48.010 |
| 1.9120 | 55.620 | 67.020 | 47.780 | 48.730 | 47.600 |
| 1.9160 | 54.950 | 65.960 | 47.370 | 48.640 | 47.350 |
| 1.9200 | 54.960 | 66.520 | 46.070 | 49.330 | 47.610 |
| 1.9240 | 56.010 | 66.310 | 47.400 | 49.060 | 47.330 |
| 1.9280 | 56.730 | 65.980 | 47.220 | 47.550 | 46.970 |
| 1.9320 | 56.090 | 66.260 | 47.890 | 48.430 | 47.460 |
| 1.9360 | 56.210 | 66.300 | 47.670 | 49.150 | 47.100 |
| 1.9400 | 56.240 | 65.770 | 47.400 | 50.210 | 47.470 |
| 1.9440 | 56.680 | 65.500 | 46.920 | 48.880 | 47.770 |
| 1.9480 | 56.150 | 65.260 | 47.230 | 48.960 | 48.230 |
| 1.9520 | 55.020 | 65.580 | 47.330 | 48.470 | 47.260 |
| 1.9560 | 55.850 | 66.130 | 47.010 | 46.970 | 47.280 |
| 1.9600 | 56.040 | 65.970 | 48.430 | 48.640 | 47.500 |
| 1.9640 | 55.910 | 66.400 | 47.740 | 49.550 | 47.000 |
| 1.9680 | 55.700 | 66.470 | 46.660 | 48.710 | 46.670 |
| 1.9720 | 56.050 | 66.380 | 47.910 | 49.610 | 46.320 |
| 1.9760 | 55.510 | 65.360 | 47.880 | 49.380 | 47.540 |
| 1.9800 | 55.670 | 66.240 | 47.620 | 50.640 | 47.220 |
| 1.9840 | 55.870 | 66.120 | 46.640 | 51.840 | 47.890 |
| 1.9880 | 55.150 | 65.650 | 46.730 | 52.940 | 47.660 |
| 1.9920 | 56.480 | 69.980 | 47.290 | 56.030 | 46.380 |
| 1.9960 | 80.990 | 127.39 | 47.510 | 64.350 | 48.270 |
| 2.0000 | 86.970 | 133.46 | 47.400 | 69.380 | 47.340 |
| 2.0040 | 80.990 | 127.49 | 47.100 | 64.240 | 46.490 |
| 2.0080 | 57.410 | 71.500 | 47.470 | 55.100 | 47.590 |
| 2.0120 | 55.840 | 66.250 | 47.270 | 51.680 | 47.830 |
| 2.0160 | 56.530 | 65.540 | 48.140 | 50.060 | 46.530 |
| 2.0200 | 56.500 | 64.560 | 47.290 | 50.200 | 46.490 |
| 2.0240 | 56.080 | 63.380 | 47.120 | 49.090 | 47.090 |
| 2.0280 | 55.260 | 63.210 | 47.070 | 47.260 | 46.530 |
| 2.0320 | 55.350 | 63.300 | 46.700 | 48.170 | 46.930 |
| 2.0360 | 56.260 | 63.380 | 45.980 | 48.160 | 46.790 |
| 2.0400 | 56.310 | 63.890 | 47.220 | 47.870 | 46.940 |

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|--------|--------|--------|--------|--------|--------|
| 2.0440 | 56.140 | 64.280 | 48.140 | 46.590 | 47.190 |
| 2.0480 | 55.780 | 63.590 | 48.170 | 46.250 | 46.310 |
| 2.0520 | 56.250 | 64.040 | 47.760 | 47.390 | 46.150 |
| 2.0560 | 56.070 | 62.630 | 47.490 | 48.150 | 45.240 |
| 2.0600 | 56.020 | 63.370 | 46.740 | 48.840 | 47.670 |
| 2.0640 | 55.590 | 63.130 | 46.840 | 48.750 | 47.860 |
| 2.0680 | 54.990 | 64.330 | 47.510 | 46.690 | 47.390 |
| 2.0720 | 55.440 | 64.840 | 46.220 | 46.990 | 46.690 |
| 2.0760 | 55.910 | 65.800 | 46.610 | 46.750 | 47.730 |
| 2.0800 | 57.070 | 65.230 | 46.900 | 46.240 | 46.950 |
| 2.0840 | 56.400 | 64.940 | 47.050 | 46.890 | 46.520 |
| 2.0880 | 56.110 | 65.430 | 46.610 | 47.060 | 47.330 |
| 2.0920 | 55.100 | 65.030 | 46.980 | 48.340 | 47.200 |
| 2.0960 | 55.390 | 65.680 | 47.240 | 47.610 | 47.810 |
| 2.1000 | 55.190 | 65.200 | 47.300 | 46.890 | 47.050 |
| 2.1040 | 55.030 | 65.160 | 47.450 | 46.730 | 47.310 |
| 2.1080 | 55.280 | 65.720 | 48.720 | 46.850 | 47.630 |
| 2.1120 | 54.900 | 66.080 | 46.610 | 47.330 | 47.410 |
| 2.1160 | 54.490 | 65.100 | 47.260 | 47.590 | 47.560 |
| 2.1200 | 54.400 | 65.260 | 48.430 | 48.550 | 47.370 |
| 2.1240 | 54.290 | 66.240 | 48.240 | 47.440 | 47.190 |
| 2.1280 | 54.150 | 66.860 | 48.250 | 47.010 | 46.840 |
| 2.1320 | 53.600 | 66.370 | 46.810 | 47.690 | 47.670 |
| 2.1360 | 54.790 | 65.890 | 46.580 | 46.630 | 46.190 |
| 2.1400 | 54.040 | 66.340 | 46.610 | 47.350 | 46.950 |
| 2.1440 | 54.320 | 66.600 | 46.690 | 46.950 | 46.470 |
| 2.1480 | 54.630 | 65.830 | 47.290 | 47.610 | 46.480 |
| 2.1520 | 54.970 | 66.140 | 47.010 | 47.570 | 46.150 |
| 2.1560 | 54.890 | 66.050 | 47.340 | 48.150 | 47.020 |
| 2.1600 | 54.130 | 66.020 | 47.230 | 46.470 | 47.670 |
| 2.1640 | 53.040 | 66.150 | 46.150 | 47.300 | 48.410 |
| 2.1680 | 52.900 | 65.920 | 47.050 | 47.970 | 47.930 |
| 2.1720 | 52.780 | 65.930 | 46.950 | 47.840 | 47.070 |
| 2.1760 | 53.860 | 66.910 | 47.670 | 47.950 | 46.630 |
| 2.1800 | 55.160 | 67.270 | 47.640 | 47.310 | 47.620 |
| 2.1840 | 54.920 | 67.180 | 47.440 | 46.270 | 48.270 |
| 2.1880 | 53.490 | 65.940 | 47.450 | 45.940 | 47.050 |
| 2.1920 | 53.810 | 65.250 | 47.710 | 47.250 | 47.200 |
| 2.1960 | 53.950 | 66.080 | 47.500 | 47.270 | 47.610 |
| 2.2000 | 54.160 | 66.250 | 47.470 | 46.250 | 47.750 |
| 2.2040 | 54.940 | 66.670 | 47.450 | 46.300 | 47.960 |
| 2.2080 | 53.780 | 65.860 | 47.240 | 47.060 | 47.410 |
| 2.2120 | 53.550 | 65.830 | 46.790 | 47.770 | 46.640 |
| 2.2160 | 53.680 | 66.330 | 46.900 | 47.490 | 46.190 |
| 2.2200 | 55.070 | 65.770 | 47.870 | 47.260 | 46.980 |
| 2.2240 | 55.260 | 66.220 | 48.420 | 47.860 | 47.180 |
| 2.2280 | 53.690 | 66.650 | 47.490 | 47.430 | 47.260 |
| 2.2320 | 54.270 | 66.900 | 47.240 | 46.890 | 46.740 |
| 2.2360 | 54.320 | 67.870 | 47.630 | 46.650 | 46.920 |
| 2.2400 | 54.530 | 67.910 | 47.470 | 46.990 | 47.380 |
| 2.2440 | 54.830 | 67.010 | 47.280 | 47.220 | 48.010 |
| 2.2480 | 54.800 | 66.570 | 46.710 | 48.070 | 47.460 |
| 2.2520 | 53.800 | 66.040 | 47.720 | 47.970 | 46.450 |
| 2.2560 | 54.220 | 66.090 | 47.830 | 46.790 | 46.800 |
| 2.2600 | 55.120 | 66.650 | 47.600 | 47.320 | 47.750 |
| 2.2640 | 54.640 | 66.420 | 48.040 | 47.470 | 48.030 |
| 2.2680 | 54.800 | 67.320 | 47.140 | 47.750 | 47.920 |

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|--------|--------|--------|--------|--------|--------|
| 2.2720 | 54.690 | 67.730 | 46.480 | 47.370 | 47.470 |
| 2.2760 | 54.800 | 67.940 | 47.880 | 46.570 | 47.270 |
| 2.2800 | 53.430 | 67.380 | 47.250 | 47.370 | 48.030 |
| 2.2840 | 54.680 | 67.780 | 47.410 | 47.120 | 48.800 |
| 2.2880 | 54.550 | 68.130 | 48.530 | 47.330 | 47.080 |
| 2.2920 | 55.320 | 68.410 | 47.810 | 47.030 | 46.150 |
| 2.2960 | 54.500 | 67.980 | 47.240 | 47.400 | 46.790 |
| 2.3000 | 55.220 | 68.200 | 46.780 | 47.930 | 46.290 |
| 2.3040 | 55.330 | 68.370 | 46.740 | 46.720 | 47.060 |
| 2.3080 | 55.680 | 68.060 | 47.420 | 47.130 | 47.770 |
| 2.3120 | 55.590 | 68.320 | 47.770 | 47.210 | 47.380 |
| 2.3160 | 55.550 | 68.070 | 47.350 | 46.810 | 47.380 |
| 2.3200 | 55.330 | 67.650 | 46.320 | 46.830 | 46.950 |
| 2.3240 | 55.410 | 67.430 | 46.950 | 47.320 | 47.050 |
| 2.3280 | 55.780 | 67.530 | 47.470 | 47.920 | 47.210 |
| 2.3320 | 55.910 | 67.030 | 47.460 | 48.100 | 47.190 |
| 2.3360 | 55.430 | 67.180 | 47.050 | 47.590 | 47.570 |
| 2.3400 | 54.850 | 67.010 | 46.840 | 48.080 | 46.060 |
| 2.3440 | 53.970 | 66.510 | 47.290 | 46.780 | 46.250 |
| 2.3480 | 53.790 | 65.550 | 46.700 | 47.190 | 46.070 |
| 2.3520 | 53.550 | 64.910 | 47.730 | 47.360 | 47.270 |
| 2.3560 | 53.160 | 63.860 | 47.200 | 48.020 | 47.240 |
| 2.3600 | 52.360 | 63.120 | 46.630 | 47.970 | 46.730 |
| 2.3640 | 51.890 | 63.070 | 46.860 | 47.980 | 45.670 |
| 2.3680 | 51.440 | 61.250 | 45.760 | 47.800 | 45.500 |
| 2.3720 | 50.470 | 60.290 | 47.150 | 47.630 | 47.170 |
| 2.3760 | 50.190 | 59.670 | 47.530 | 47.430 | 47.500 |
| 2.3800 | 51.190 | 59.410 | 46.530 | 47.380 | 47.770 |
| 2.3840 | 49.840 | 59.650 | 46.560 | 47.100 | 47.870 |
| 2.3880 | 49.300 | 59.560 | 46.790 | 47.410 | 47.080 |
| 2.3920 | 49.790 | 59.230 | 46.620 | 46.950 | 47.010 |
| 2.3960 | 50.740 | 58.790 | 46.360 | 46.980 | 47.100 |
| 2.4000 | 49.760 | 58.880 | 47.610 | 47.460 | 46.610 |
| 2.4040 | 48.730 | 59.030 | 47.160 | 48.650 | 46.990 |
| 2.4080 | 48.800 | 59.320 | 47.100 | 47.660 | 48.340 |
| 2.4120 | 50.360 | 60.400 | 46.830 | 47.400 | 46.690 |
| 2.4160 | 50.260 | 59.280 | 46.510 | 47.280 | 47.540 |
| 2.4200 | 50.260 | 60.050 | 46.480 | 46.390 | 48.690 |
| 2.4240 | 49.280 | 60.790 | 47.690 | 47.000 | 47.350 |
| 2.4280 | 49.860 | 61.790 | 46.610 | 47.570 | 47.650 |
| 2.4320 | 49.930 | 61.860 | 46.980 | 47.790 | 47.290 |
| 2.4360 | 49.840 | 60.430 | 45.640 | 47.680 | 47.080 |
| 2.4400 | 50.730 | 60.000 | 47.070 | 46.860 | 46.400 |
| 2.4440 | 50.930 | 60.810 | 47.040 | 47.640 | 47.960 |
| 2.4480 | 50.980 | 61.160 | 46.530 | 47.460 | 48.110 |
| 2.4520 | 51.040 | 61.380 | 46.910 | 46.810 | 46.700 |
| 2.4560 | 51.480 | 61.570 | 47.520 | 47.830 | 45.720 |
| 2.4600 | 50.910 | 61.530 | 47.460 | 47.770 | 46.970 |
| 2.4640 | 50.010 | 62.480 | 46.980 | 47.160 | 47.380 |
| 2.4680 | 50.650 | 62.790 | 47.500 | 47.580 | 46.820 |
| 2.4720 | 51.170 | 62.830 | 46.630 | 48.040 | 47.490 |
| 2.4760 | 50.530 | 62.850 | 47.400 | 47.660 | 46.700 |
| 2.4800 | 50.980 | 62.750 | 45.910 | 46.830 | 47.480 |
| 2.4840 | 51.330 | 63.200 | 46.500 | 48.380 | 47.530 |
| 2.4880 | 50.870 | 62.670 | 47.950 | 48.330 | 47.130 |
| 2.4920 | 47.730 | 62.850 | 47.550 | 48.070 | 47.330 |
| 2.4960 | 51.800 | 63.160 | 47.080 | 48.440 | 47.210 |

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|--------|--------|--------|--------|--------|--------|
| 2.5000 | 51.270 | 63.190 | 46.210 | 48.630 | 46.990 |
| 2.5040 | 52.310 | 62.910 | 46.390 | 47.840 | 47.490 |
| 2.5080 | 52.290 | 62.830 | 47.120 | 49.170 | 47.500 |
| 2.5120 | 52.100 | 63.200 | 47.320 | 50.140 | 47.540 |
| 2.5160 | 50.260 | 63.990 | 47.130 | 48.690 | 47.820 |
| 2.5200 | 50.600 | 63.300 | 47.420 | 48.130 | 47.140 |
| 2.5240 | 52.250 | 63.690 | 47.520 | 48.180 | 47.570 |
| 2.5280 | 53.310 | 64.580 | 48.070 | 49.070 | 47.350 |
| 2.5320 | 52.270 | 64.340 | 48.460 | 49.860 | 47.100 |
| 2.5360 | 52.220 | 64.750 | 46.730 | 50.140 | 47.230 |
| 2.5400 | 52.540 | 65.020 | 46.900 | 50.750 | 46.810 |
| 2.5440 | 53.180 | 65.040 | 47.830 | 50.900 | 46.880 |
| 2.5480 | 53.430 | 64.250 | 47.570 | 51.440 | 46.810 |
| 2.5520 | 52.670 | 64.030 | 47.260 | 49.420 | 47.230 |
| 2.5560 | 53.410 | 64.690 | 47.110 | 49.090 | 46.210 |
| 2.5600 | 52.510 | 65.450 | 48.010 | 49.780 | 46.940 |
| 2.5640 | 52.240 | 66.200 | 46.710 | 49.900 | 47.380 |
| 2.5680 | 54.100 | 65.930 | 46.670 | 49.260 | 47.660 |
| 2.5720 | 53.240 | 65.100 | 50.230 | 49.510 | 47.260 |
| 2.5760 | 53.070 | 65.570 | 53.410 | 49.940 | 47.390 |
| 2.5800 | 54.820 | 66.040 | 48.740 | 50.870 | 47.630 |
| 2.5840 | 55.040 | 65.690 | 47.600 | 50.010 | 47.280 |
| 2.5880 | 54.610 | 65.790 | 47.380 | 50.810 | 47.190 |
| 2.5920 | 55.410 | 66.940 | 47.030 | 52.890 | 47.370 |
| 2.5960 | 55.400 | 67.400 | 45.850 | 53.730 | 46.450 |
| 2.6000 | 55.360 | 67.660 | 46.680 | 54.110 | 47.040 |
| 2.6040 | 55.750 | 68.270 | 47.250 | 54.640 | 46.730 |
| 2.6080 | 56.120 | 68.750 | 47.360 | 56.880 | 47.040 |
| 2.6120 | 55.750 | 68.180 | 47.240 | 56.930 | 48.260 |
| 2.6160 | 56.020 | 68.160 | 47.990 | 58.500 | 46.870 |
| 2.6200 | 57.680 | 68.250 | 47.250 | 60.460 | 46.750 |
| 2.6240 | 57.140 | 69.170 | 47.040 | 61.080 | 47.220 |
| 2.6280 | 57.750 | 69.270 | 46.650 | 62.920 | 47.450 |
| 2.6320 | 58.350 | 69.300 | 47.950 | 63.660 | 46.290 |
| 2.6360 | 57.520 | 68.890 | 47.550 | 64.260 | 47.120 |
| 2.6400 | 58.060 | 70.210 | 48.280 | 65.140 | 46.870 |
| 2.6440 | 59.060 | 70.340 | 47.620 | 65.840 | 47.520 |
| 2.6480 | 59.340 | 70.370 | 47.120 | 67.230 | 47.070 |
| 2.6520 | 59.930 | 70.600 | 47.400 | 67.170 | 47.830 |
| 2.6560 | 60.150 | 70.350 | 47.550 | 67.520 | 46.560 |
| 2.6600 | 60.410 | 69.010 | 47.700 | 68.430 | 46.670 |
| 2.6640 | 60.220 | 69.690 | 47.050 | 68.190 | 47.410 |
| 2.6680 | 59.540 | 68.950 | 47.070 | 68.990 | 47.580 |
| 2.6720 | 58.660 | 68.560 | 47.570 | 68.530 | 47.480 |
| 2.6760 | 56.880 | 67.520 | 47.030 | 66.980 | 47.840 |
| 2.6800 | 56.870 | 66.470 | 46.770 | 66.070 | 47.220 |
| 2.6840 | 55.760 | 65.890 | 46.890 | 65.810 | 47.290 |
| 2.6880 | 54.980 | 65.240 | 46.880 | 63.220 | 46.950 |
| 2.6920 | 55.050 | 64.920 | 47.060 | 61.840 | 47.460 |
| 2.6960 | 54.230 | 64.620 | 47.600 | 60.740 | 46.990 |
| 2.7000 | 52.950 | 63.480 | 48.360 | 59.480 | 47.340 |
| 2.7040 | 51.350 | 62.000 | 47.950 | 58.220 | 48.160 |
| 2.7080 | 50.260 | 61.370 | 47.280 | 57.130 | 48.440 |
| 2.7120 | 50.580 | 59.940 | 48.020 | 55.470 | 47.770 |
| 2.7160 | 49.840 | 58.590 | 47.090 | 52.400 | 46.630 |
| 2.7200 | 49.100 | 58.540 | 46.660 | 52.670 | 47.020 |
| 2.7240 | 49.220 | 57.570 | 46.710 | 51.820 | 48.060 |

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|--------|--------|--------|--------|--------|--------|
| 2.7280 | 48.880 | 56.010 | 48.320 | 49.610 | 47.670 |
| 2.7320 | 48.310 | 56.260 | 47.740 | 48.920 | 47.010 |
| 2.7360 | 46.950 | 55.560 | 46.930 | 48.950 | 46.630 |
| 2.7400 | 47.050 | 54.830 | 46.420 | 49.690 | 46.190 |
| 2.7440 | 48.610 | 54.330 | 47.100 | 49.120 | 45.730 |
| 2.7480 | 48.040 | 54.390 | 47.490 | 48.810 | 47.990 |
| 2.7520 | 47.600 | 53.860 | 46.960 | 49.020 | 45.750 |
| 2.7560 | 48.280 | 54.520 | 47.990 | 49.050 | 47.390 |
| 2.7600 | 49.230 | 55.360 | 48.150 | 49.700 | 46.670 |
| 2.7640 | 48.390 | 55.030 | 48.630 | 49.120 | 47.510 |
| 2.7680 | 48.100 | 55.240 | 48.560 | 48.970 | 47.560 |
| 2.7720 | 48.760 | 55.410 | 49.260 | 48.310 | 46.420 |
| 2.7760 | 48.660 | 56.310 | 50.090 | 49.060 | 46.860 |
| 2.7800 | 49.040 | 56.540 | 48.060 | 49.110 | 46.990 |
| 2.7840 | 48.740 | 56.890 | 47.980 | 49.220 | 46.660 |
| 2.7880 | 48.680 | 56.990 | 47.850 | 49.810 | 47.660 |
| 2.7920 | 50.060 | 57.110 | 47.410 | 48.430 | 47.650 |
| 2.7960 | 50.190 | 57.520 | 47.460 | 48.420 | 47.280 |
| 2.8000 | 50.440 | 58.910 | 48.090 | 48.380 | 45.460 |
| 2.8040 | 50.210 | 59.200 | 47.650 | 48.350 | 47.060 |
| 2.8080 | 50.000 | 59.010 | 46.690 | 47.570 | 47.590 |
| 2.8120 | 49.130 | 58.550 | 47.200 | 48.680 | 47.080 |
| 2.8160 | 50.580 | 59.590 | 47.690 | 47.740 | 47.120 |
| 2.8200 | 49.850 | 60.130 | 47.300 | 47.570 | 47.520 |
| 2.8240 | 50.470 | 59.650 | 46.570 | 48.640 | 47.090 |
| 2.8280 | 50.520 | 60.680 | 46.230 | 48.670 | 47.180 |
| 2.8320 | 51.360 | 60.550 | 47.520 | 48.210 | 47.350 |
| 2.8360 | 51.370 | 61.810 | 47.240 | 49.060 | 46.860 |
| 2.8400 | 51.060 | 61.440 | 47.160 | 48.260 | 47.310 |
| 2.8440 | 51.470 | 60.900 | 47.640 | 48.890 | 46.430 |
| 2.8480 | 51.200 | 62.170 | 46.920 | 48.500 | 47.510 |
| 2.8520 | 52.210 | 62.060 | 48.240 | 49.260 | 47.560 |
| 2.8560 | 52.930 | 62.500 | 48.130 | 48.400 | 47.820 |
| 2.8600 | 51.980 | 63.460 | 47.730 | 48.240 | 48.180 |
| 2.8640 | 52.250 | 62.290 | 47.530 | 49.060 | 48.760 |
| 2.8680 | 53.220 | 62.780 | 47.160 | 49.230 | 46.820 |
| 2.8720 | 53.030 | 63.170 | 47.910 | 49.650 | 46.640 |
| 2.8760 | 53.120 | 62.970 | 48.750 | 48.800 | 47.320 |
| 2.8800 | 53.380 | 64.060 | 48.140 | 48.980 | 46.890 |
| 2.8840 | 53.990 | 63.590 | 48.050 | 49.090 | 47.230 |
| 2.8880 | 55.220 | 63.240 | 48.690 | 49.640 | 47.570 |
| 2.8920 | 55.460 | 64.260 | 49.160 | 50.070 | 48.200 |
| 2.8960 | 54.810 | 64.780 | 48.470 | 50.660 | 48.190 |
| 2.9000 | 54.130 | 65.480 | 48.410 | 51.050 | 46.840 |
| 2.9040 | 54.160 | 66.020 | 48.550 | 51.760 | 45.760 |
| 2.9080 | 55.790 | 65.650 | 47.890 | 51.710 | 47.040 |
| 2.9120 | 55.500 | 65.960 | 47.620 | 51.850 | 47.130 |
| 2.9160 | 56.240 | 66.270 | 46.690 | 52.190 | 47.630 |
| 2.9200 | 56.630 | 66.510 | 47.600 | 53.470 | 46.840 |
| 2.9240 | 57.380 | 66.820 | 48.200 | 53.150 | 47.050 |
| 2.9280 | 56.430 | 66.970 | 47.810 | 53.220 | 47.140 |
| 2.9320 | 56.520 | 67.870 | 46.370 | 52.870 | 47.430 |
| 2.9360 | 58.100 | 68.180 | 48.290 | 52.040 | 47.170 |
| 2.9400 | 58.630 | 67.720 | 49.830 | 53.120 | 48.680 |
| 2.9440 | 59.620 | 68.420 | 48.610 | 54.540 | 47.530 |
| 2.9480 | 59.920 | 68.230 | 50.880 | 54.650 | 45.340 |
| 2.9520 | 59.790 | 68.560 | 48.850 | 55.460 | 46.430 |

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|--------|--------|--------|--------|--------|--------|
| 2.9560 | 61.240 | 67.970 | 48.460 | 55.380 | 46.290 |
| 2.9600 | 62.920 | 68.070 | 49.350 | 55.260 | 46.510 |
| 2.9640 | 63.740 | 68.230 | 49.930 | 55.420 | 46.310 |
| 2.9680 | 65.190 | 68.090 | 50.050 | 55.740 | 47.590 |
| 2.9720 | 65.920 | 68.300 | 50.060 | 55.660 | 45.800 |
| 2.9760 | 65.580 | 67.910 | 51.520 | 55.030 | 45.730 |
| 2.9800 | 66.880 | 67.420 | 52.380 | 54.950 | 46.970 |
| 2.9840 | 66.760 | 66.930 | 57.450 | 54.450 | 46.750 |
| 2.9880 | 66.640 | 66.030 | 63.840 | 54.100 | 47.940 |
| 2.9920 | 65.530 | 64.670 | 75.740 | 52.430 | 47.990 |
| 2.9960 | 104.08 | 63.130 | 130.07 | 52.030 | 48.510 |
| 3.0000 | 110.17 | 62.780 | 136.16 | 52.420 | 49.130 |
| 3.0040 | 104.21 | 61.940 | 130.22 | 51.340 | 47.530 |
| 3.0080 | 63.320 | 62.110 | 75.890 | 51.970 | 46.540 |
| 3.0120 | 63.320 | 60.460 | 63.940 | 49.360 | 47.490 |
| 3.0160 | 62.450 | 59.480 | 56.810 | 50.320 | 47.800 |
| 3.0200 | 61.800 | 59.040 | 52.600 | 49.350 | 46.720 |
| 3.0240 | 59.810 | 58.460 | 49.870 | 48.930 | 46.730 |
| 3.0280 | 58.990 | 57.880 | 45.550 | 49.910 | 47.250 |
| 3.0320 | 57.520 | 56.100 | 48.730 | 49.090 | 46.990 |
| 3.0360 | 56.340 | 55.880 | 48.660 | 49.300 | 47.320 |
| 3.0400 | 55.400 | 56.020 | 47.960 | 48.880 | 47.810 |
| 3.0440 | 52.650 | 56.850 | 47.640 | 48.550 | 46.470 |
| 3.0480 | 52.500 | 56.430 | 47.380 | 48.950 | 46.720 |
| 3.0520 | 51.570 | 56.450 | 47.590 | 48.630 | 46.280 |
| 3.0560 | 51.180 | 56.390 | 48.070 | 49.640 | 47.420 |
| 3.0600 | 50.930 | 55.550 | 48.810 | 51.250 | 47.900 |
| 3.0640 | 49.640 | 55.840 | 47.420 | 48.810 | 47.730 |
| 3.0680 | 49.910 | 56.190 | 47.560 | 48.460 | 47.530 |
| 3.0720 | 50.460 | 56.170 | 43.500 | 48.590 | 47.610 |
| 3.0760 | 49.820 | 56.180 | 46.620 | 49.130 | 47.460 |
| 3.0800 | 49.360 | 56.690 | 47.710 | 48.960 | 46.970 |
| 3.0840 | 50.060 | 57.320 | 47.530 | 48.560 | 47.570 |
| 3.0880 | 48.850 | 57.490 | 46.680 | 48.170 | 47.400 |
| 3.0920 | 50.070 | 57.450 | 47.790 | 47.690 | 47.120 |
| 3.0960 | 49.340 | 57.870 | 48.600 | 49.420 | 47.420 |
| 3.1000 | 50.000 | 57.480 | 49.820 | 49.610 | 46.550 |
| 3.1040 | 50.300 | 58.530 | 51.760 | 48.330 | 47.740 |
| 3.1080 | 49.750 | 58.690 | 53.010 | 48.350 | 47.520 |
| 3.1120 | 50.330 | 58.520 | 53.700 | 48.490 | 47.030 |
| 3.1160 | 50.160 | 58.630 | 53.690 | 48.620 | 46.670 |
| 3.1200 | 50.830 | 59.330 | 53.420 | 49.240 | 45.750 |
| 3.1240 | 50.480 | 59.710 | 51.760 | 47.100 | 46.680 |
| 3.1280 | 50.560 | 59.530 | 50.150 | 48.210 | 46.780 |
| 3.1320 | 50.660 | 59.810 | 49.000 | 48.600 | 48.200 |
| 3.1360 | 50.770 | 59.700 | 47.670 | 47.860 | 49.000 |
| 3.1400 | 51.400 | 60.260 | 47.870 | 48.570 | 47.880 |
| 3.1440 | 52.290 | 61.460 | 47.280 | 49.420 | 47.060 |
| 3.1480 | 51.550 | 61.790 | 47.030 | 48.970 | 47.140 |
| 3.1520 | 51.700 | 62.140 | 47.940 | 47.490 | 46.360 |
| 3.1560 | 52.010 | 62.230 | 47.890 | 50.080 | 46.590 |
| 3.1600 | 52.300 | 62.220 | 47.650 | 48.820 | 45.690 |
| 3.1640 | 52.340 | 62.480 | 48.560 | 47.770 | 46.610 |
| 3.1680 | 51.250 | 63.090 | 48.090 | 49.290 | 46.930 |
| 3.1720 | 52.480 | 63.170 | 47.120 | 48.470 | 46.100 |
| 3.1760 | 54.270 | 64.200 | 47.300 | 48.440 | 47.870 |
| 3.1800 | 53.360 | 64.430 | 49.510 | 49.540 | 46.940 |

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|--------|--------|--------|--------|--------|--------|
| 3.1840 | 52.190 | 65.010 | 47.720 | 49.790 | 46.450 |
| 3.1880 | 51.990 | 64.360 | 47.900 | 49.540 | 47.280 |
| 3.1920 | 52.910 | 65.020 | 47.210 | 49.320 | 47.740 |
| 3.1960 | 52.880 | 65.580 | 47.760 | 49.920 | 46.860 |
| 3.2000 | 52.600 | 65.280 | 48.050 | 48.630 | 47.080 |
| 3.2040 | 53.120 | 64.220 | 47.990 | 49.630 | 47.280 |
| 3.2080 | 52.950 | 63.900 | 47.480 | 50.200 | 46.860 |
| 3.2120 | 52.380 | 64.040 | 47.570 | 50.450 | 47.260 |
| 3.2160 | 52.040 | 64.670 | 48.000 | 50.760 | 46.320 |
| 3.2200 | 52.430 | 64.620 | 47.530 | 50.050 | 47.410 |
| 3.2240 | 52.850 | 63.500 | 48.060 | 49.490 | 47.370 |
| 3.2280 | 51.930 | 63.320 | 48.150 | 48.300 | 47.420 |
| 3.2320 | 51.390 | 62.820 | 46.910 | 48.490 | 47.500 |
| 3.2360 | 51.560 | 62.470 | 48.260 | 50.020 | 47.200 |
| 3.2400 | 51.450 | 61.950 | 48.910 | 50.020 | 47.160 |
| 3.2440 | 50.510 | 61.130 | 47.570 | 49.920 | 46.950 |
| 3.2480 | 50.090 | 59.980 | 47.730 | 49.950 | 46.050 |
| 3.2520 | 48.530 | 60.100 | 48.830 | 49.290 | 45.950 |
| 3.2560 | 48.650 | 60.850 | 48.550 | 49.130 | 46.370 |
| 3.2600 | 48.810 | 59.740 | 47.840 | 50.220 | 47.380 |
| 3.2640 | 48.650 | 58.880 | 47.630 | 50.260 | 46.500 |
| 3.2680 | 48.550 | 58.120 | 47.910 | 50.270 | 45.720 |
| 3.2720 | 48.720 | 58.090 | 47.940 | 50.110 | 46.070 |
| 3.2760 | 48.650 | 56.840 | 47.790 | 49.040 | 45.130 |
| 3.2800 | 48.340 | 56.210 | 46.920 | 49.440 | 46.600 |
| 3.2840 | 47.990 | 55.570 | 47.980 | 48.660 | 46.630 |
| 3.2880 | 48.190 | 55.550 | 47.060 | 48.850 | 47.670 |
| 3.2920 | 47.970 | 54.950 | 47.190 | 50.680 | 48.250 |
| 3.2960 | 48.420 | 55.400 | 48.080 | 49.970 | 45.680 |
| 3.3000 | 48.480 | 55.430 | 47.400 | 49.720 | 46.740 |
| 3.3040 | 47.670 | 54.650 | 46.650 | 48.940 | 47.110 |
| 3.3080 | 47.690 | 53.990 | 47.600 | 49.230 | 45.700 |
| 3.3120 | 48.360 | 54.730 | 47.410 | 50.270 | 47.370 |
| 3.3160 | 48.010 | 54.420 | 47.640 | 51.220 | 47.090 |
| 3.3200 | 46.670 | 54.200 | 47.680 | 53.490 | 46.670 |
| 3.3240 | 47.090 | 53.580 | 46.070 | 55.140 | 47.620 |
| 3.3280 | 46.970 | 54.760 | 47.340 | 56.780 | 47.930 |
| 3.3320 | 47.220 | 55.010 | 47.650 | 53.030 | 47.540 |
| 3.3360 | 48.200 | 54.740 | 47.020 | 51.540 | 47.650 |
| 3.3400 | 48.990 | 55.000 | 46.460 | 49.910 | 46.750 |
| 3.3440 | 48.400 | 56.360 | 47.360 | 51.420 | 45.740 |
| 3.3480 | 47.830 | 57.040 | 46.930 | 49.920 | 47.860 |
| 3.3520 | 47.780 | 56.840 | 47.060 | 50.240 | 47.640 |
| 3.3560 | 47.260 | 56.680 | 46.760 | 49.520 | 47.110 |
| 3.3600 | 47.730 | 57.460 | 47.500 | 50.270 | 47.610 |
| 3.3640 | 47.870 | 59.160 | 47.410 | 50.320 | 47.360 |
| 3.3680 | 48.640 | 58.900 | 47.130 | 49.900 | 46.850 |
| 3.3720 | 48.710 | 58.060 | 48.050 | 50.540 | 48.230 |
| 3.3760 | 48.930 | 58.260 | 47.620 | 50.220 | 47.900 |
| 3.3800 | 47.410 | 59.370 | 46.260 | 49.900 | 47.140 |
| 3.3840 | 49.660 | 59.890 | 46.880 | 48.320 | 47.490 |
| 3.3880 | 49.350 | 60.320 | 47.130 | 48.920 | 46.950 |
| 3.3920 | 49.440 | 60.100 | 48.500 | 49.670 | 46.900 |
| 3.3960 | 49.310 | 60.420 | 47.850 | 51.650 | 47.460 |
| 3.4000 | 50.370 | 60.670 | 47.090 | 52.880 | 47.870 |
| 3.4040 | 50.160 | 63.610 | 43.940 | 50.740 | 47.120 |
| 3.4080 | 50.940 | 64.120 | 46.010 | 48.840 | 47.200 |

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| 3.4120 | 51.140 | 63.800 | 47.090 | 50.960 | 47.490 |
| 3.4160 | 51.360 | 64.400 | 47.890 | 50.160 | 49.680 |
| 3.4200 | 51.410 | 64.370 | 57.180 | 53.380 | 47.680 |
| 3.4240 | 51.420 | 64.230 | 64.660 | 47.690 | 47.380 |
| 3.4280 | 52.580 | 64.900 | 53.020 | 52.400 | 46.540 |
| 3.4320 | 52.370 | 65.810 | 47.780 | 52.610 | 46.640 |
| 3.4360 | 53.150 | 66.650 | 47.370 | 48.230 | 48.130 |
| 3.4400 | 52.570 | 66.780 | 47.210 | 51.500 | 48.150 |
| 3.4440 | 53.360 | 67.350 | 46.570 | 52.630 | 47.490 |
| 3.4480 | 53.860 | 67.870 | 47.300 | 53.220 | 46.750 |
| 3.4520 | 54.970 | 67.910 | 46.890 | 50.950 | 46.700 |
| 3.4560 | 54.930 | 68.010 | 46.990 | 53.970 | 46.390 |
| 3.4600 | 54.340 | 67.990 | 47.050 | 55.010 | 47.030 |
| 3.4640 | 54.690 | 67.920 | 47.330 | 55.530 | 46.720 |
| 3.4680 | 54.100 | 67.730 | 46.360 | 53.610 | 47.140 |
| 3.4720 | 53.710 | 66.500 | 47.560 | 53.030 | 47.410 |
| 3.4760 | 52.960 | 66.700 | 47.310 | 52.790 | 47.210 |
| 3.4800 | 53.230 | 66.720 | 47.540 | 52.210 | 44.170 |
| 3.4840 | 53.420 | 65.860 | 47.340 | 52.930 | 46.350 |
| 3.4880 | 53.350 | 65.100 | 49.260 | 52.190 | 47.410 |
| 3.4920 | 52.850 | 64.100 | 46.650 | 52.680 | 46.610 |
| 3.4960 | 52.030 | 63.280 | 48.530 | 52.760 | 46.530 |
| 3.5000 | 51.910 | 63.040 | 47.300 | 55.330 | 47.670 |
| 3.5040 | 51.140 | 62.930 | 46.580 | 53.850 | 46.390 |
| 3.5080 | 50.240 | 62.140 | 45.960 | 49.730 | 47.020 |
| 3.5120 | 50.250 | 61.300 | 46.820 | 48.640 | 47.050 |
| 3.5160 | 49.830 | 60.030 | 45.690 | 52.470 | 47.480 |
| 3.5200 | 50.250 | 58.680 | 47.230 | 55.720 | 46.980 |
| 3.5240 | 50.200 | 59.450 | 46.310 | 51.680 | 46.760 |
| 3.5280 | 48.380 | 59.300 | 48.750 | 48.930 | 46.690 |
| 3.5320 | 48.790 | 57.330 | 47.500 | 48.900 | 46.570 |
| 3.5360 | 48.870 | 57.590 | 46.970 | 49.290 | 46.860 |
| 3.5400 | 48.520 | 57.360 | 47.280 | 49.070 | 47.410 |
| 3.5440 | 48.670 | 56.200 | 48.250 | 48.310 | 47.620 |
| 3.5480 | 48.310 | 55.360 | 47.580 | 48.340 | 47.600 |
| 3.5520 | 47.890 | 55.100 | 46.920 | 47.890 | 47.940 |
| 3.5560 | 47.830 | 54.650 | 47.030 | 48.750 | 47.650 |
| 3.5600 | 47.070 | 54.340 | 46.820 | 48.920 | 46.950 |
| 3.5640 | 47.720 | 53.750 | 46.310 | 48.850 | 46.520 |
| 3.5680 | 48.310 | 53.490 | 46.770 | 47.120 | 45.860 |
| 3.5720 | 47.750 | 51.890 | 46.550 | 45.220 | 45.990 |
| 3.5760 | 47.440 | 51.740 | 46.650 | 55.880 | 47.590 |
| 3.5800 | 48.560 | 51.250 | 46.040 | 55.910 | 47.020 |
| 3.5840 | 46.760 | 50.150 | 47.550 | 44.790 | 46.950 |
| 3.5880 | 46.720 | 49.590 | 47.820 | 47.050 | 47.690 |
| 3.5920 | 46.730 | 50.790 | 47.960 | 48.060 | 48.110 |
| 3.5960 | 47.300 | 50.850 | 47.380 | 47.240 | 46.510 |
| 3.6000 | 47.800 | 50.160 | 47.990 | 49.120 | 47.220 |
| 3.6040 | 47.810 | 50.710 | 47.640 | 47.300 | 47.890 |
| 3.6080 | 47.040 | 49.610 | 46.940 | 47.290 | 47.350 |
| 3.6120 | 46.720 | 50.120 | 46.630 | 47.300 | 47.690 |
| 3.6160 | 47.030 | 50.460 | 47.210 | 47.790 | 47.880 |
| 3.6200 | 48.220 | 50.360 | 47.480 | 47.920 | 47.630 |
| 3.6240 | 47.350 | 50.490 | 47.320 | 46.780 | 47.260 |
| 3.6280 | 46.530 | 51.020 | 45.710 | 45.260 | 47.480 |
| 3.6320 | 47.230 | 51.930 | 46.390 | 46.810 | 47.750 |
| 3.6360 | 47.670 | 52.420 | 47.230 | 48.000 | 47.680 |

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|--------|--------|--------|--------|--------|--------|
| 3.6400 | 48.440 | 52.500 | 46.240 | 49.090 | 47.850 |
| 3.6440 | 47.360 | 52.570 | 46.830 | 47.560 | 48.000 |
| 3.6480 | 47.110 | 52.420 | 47.680 | 47.440 | 47.480 |
| 3.6520 | 46.730 | 52.940 | 47.740 | 47.170 | 47.200 |
| 3.6560 | 47.520 | 54.430 | 45.460 | 47.590 | 47.660 |
| 3.6600 | 46.910 | 55.670 | 45.850 | 46.740 | 46.680 |
| 3.6640 | 46.080 | 56.280 | 47.650 | 47.620 | 46.930 |
| 3.6680 | 47.100 | 56.910 | 46.870 | 48.130 | 47.900 |
| 3.6720 | 48.190 | 56.730 | 46.990 | 47.080 | 47.280 |
| 3.6760 | 49.160 | 56.750 | 47.500 | 46.100 | 47.640 |
| 3.6800 | 50.180 | 57.510 | 46.310 | 46.440 | 46.530 |
| 3.6840 | 46.500 | 57.490 | 47.250 | 47.280 | 47.230 |
| 3.6880 | 48.330 | 58.500 | 48.580 | 47.920 | 47.690 |
| 3.6920 | 48.040 | 59.670 | 47.840 | 47.470 | 47.320 |
| 3.6960 | 48.720 | 60.350 | 47.040 | 47.630 | 47.370 |
| 3.7000 | 49.700 | 60.950 | 47.640 | 48.200 | 47.690 |
| 3.7040 | 49.280 | 61.830 | 46.900 | 48.020 | 46.180 |
| 3.7080 | 49.150 | 62.850 | 47.130 | 48.930 | 47.350 |
| 3.7120 | 50.120 | 63.560 | 47.750 | 49.310 | 43.260 |
| 3.7160 | 50.020 | 64.840 | 47.670 | 49.480 | 49.280 |
| 3.7200 | 52.050 | 65.670 | 47.850 | 47.860 | 47.840 |
| 3.7240 | 52.400 | 66.240 | 47.030 | 50.630 | 46.990 |
| 3.7280 | 53.120 | 66.490 | 47.760 | 49.910 | 46.750 |
| 3.7320 | 54.560 | 66.300 | 47.570 | 48.760 | 48.660 |
| 3.7360 | 55.690 | 67.710 | 47.050 | 50.900 | 46.970 |
| 3.7400 | 55.370 | 69.100 | 47.320 | 52.080 | 48.140 |
| 3.7440 | 54.710 | 69.180 | 46.850 | 50.730 | 47.670 |
| 3.7480 | 55.690 | 69.360 | 46.900 | 50.940 | 46.400 |
| 3.7520 | 55.640 | 69.640 | 48.110 | 51.410 | 47.170 |
| 3.7560 | 55.960 | 69.260 | 47.360 | 51.640 | 46.510 |
| 3.7600 | 55.750 | 69.080 | 47.390 | 57.740 | 47.020 |
| 3.7640 | 55.490 | 68.370 | 45.800 | 55.990 | 47.390 |
| 3.7680 | 54.030 | 67.900 | 46.620 | 51.700 | 46.430 |
| 3.7720 | 53.910 | 67.240 | 46.700 | 53.250 | 46.910 |
| 3.7760 | 53.430 | 66.270 | 48.650 | 51.550 | 47.980 |
| 3.7800 | 53.890 | 65.740 | 48.040 | 50.600 | 47.770 |
| 3.7840 | 53.540 | 65.050 | 47.000 | 50.020 | 47.050 |
| 3.7880 | 52.010 | 63.800 | 47.440 | 48.710 | 45.860 |
| 3.7920 | 51.290 | 63.850 | 47.600 | 49.290 | 47.120 |
| 3.7960 | 50.540 | 63.050 | 47.390 | 48.510 | 46.200 |
| 3.8000 | 51.320 | 63.290 | 47.080 | 49.700 | 46.820 |
| 3.8040 | 51.060 | 62.490 | 47.860 | 34.250 | 46.510 |
| 3.8080 | 50.080 | 62.630 | 47.470 | 42.000 | 45.370 |
| 3.8120 | 48.850 | 63.180 | 46.700 | 45.020 | 46.300 |
| 3.8160 | 48.590 | 61.800 | 48.510 | 48.340 | 46.480 |
| 3.8200 | 47.530 | 60.480 | 46.830 | 49.830 | 47.510 |
| 3.8240 | 48.540 | 60.680 | 46.510 | 47.950 | 47.180 |
| 3.8280 | 48.600 | 60.350 | 47.070 | 48.450 | 46.800 |
| 3.8320 | 49.170 | 59.990 | 47.320 | 48.250 | 47.140 |
| 3.8360 | 47.970 | 58.480 | 46.710 | 42.950 | 47.910 |
| 3.8400 | 48.800 | 57.940 | 46.720 | 51.030 | 47.500 |
| 3.8440 | 49.200 | 57.820 | 47.420 | 47.960 | 47.470 |
| 3.8480 | 48.700 | 56.810 | 47.470 | 48.390 | 47.410 |
| 3.8520 | 47.770 | 55.880 | 47.100 | 46.140 | 47.200 |
| 3.8560 | 49.190 | 55.380 | 46.990 | 48.240 | 47.400 |
| 3.8600 | 48.450 | 56.410 | 47.030 | 49.380 | 47.810 |
| 3.8640 | 47.500 | 56.000 | 47.020 | 49.270 | 45.670 |

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| 3.8680 | 46.950 | 55.220 | 46.930 | 48.070 | 47.000 |
| 3.8720 | 48.220 | 54.800 | 47.090 | 47.380 | 45.840 |
| 3.8760 | 48.940 | 54.420 | 48.210 | 47.450 | 47.660 |
| 3.8800 | 48.430 | 53.280 | 47.420 | 47.960 | 48.110 |
| 3.8840 | 47.090 | 53.770 | 46.620 | 47.600 | 47.450 |
| 3.8880 | 47.970 | 54.000 | 46.660 | 47.100 | 46.950 |
| 3.8920 | 47.490 | 53.660 | 47.710 | 49.170 | 47.390 |
| 3.8960 | 47.520 | 52.020 | 47.800 | 52.910 | 47.760 |
| 3.9000 | 47.720 | 52.550 | 48.350 | 48.600 | 47.280 |
| 3.9040 | 47.300 | 52.610 | 47.010 | 47.490 | 46.540 |
| 3.9080 | 47.840 | 51.530 | 46.830 | 47.800 | 47.650 |
| 3.9120 | 46.740 | 50.750 | 46.740 | 48.470 | 47.460 |
| 3.9160 | 46.530 | 51.100 | 47.760 | 50.320 | 47.610 |
| 3.9200 | 47.040 | 50.810 | 47.420 | 50.170 | 47.130 |
| 3.9240 | 47.800 | 49.190 | 47.010 | 52.010 | 47.160 |
| 3.9280 | 47.200 | 48.690 | 47.150 | 49.980 | 47.610 |
| 3.9320 | 46.100 | 48.730 | 46.950 | 50.820 | 46.430 |
| 3.9360 | 47.390 | 49.030 | 46.650 | 55.860 | 46.670 |
| 3.9400 | 46.780 | 49.230 | 47.040 | 58.490 | 46.400 |
| 3.9440 | 46.550 | 48.860 | 48.320 | 47.820 | 46.920 |
| 3.9480 | 47.210 | 49.200 | 46.310 | 56.220 | 47.430 |
| 3.9520 | 45.850 | 49.840 | 46.430 | 52.840 | 47.850 |
| 3.9560 | 45.840 | 49.710 | 46.230 | 52.920 | 47.710 |
| 3.9600 | 46.710 | 49.480 | 47.730 | 57.910 | 47.980 |
| 3.9640 | 47.210 | 49.730 | 48.050 | 57.010 | 48.600 |
| 3.9680 | 46.030 | 50.670 | 47.220 | 60.290 | 47.200 |
| 3.9720 | 47.930 | 51.250 | 47.470 | 60.920 | 47.790 |
| 3.9760 | 48.100 | 51.610 | 47.030 | 63.220 | 45.620 |
| 3.9800 | 47.890 | 53.090 | 46.750 | 63.090 | 47.380 |
| 3.9840 | 47.230 | 54.060 | 47.550 | 67.020 | 47.760 |
| 3.9880 | 49.510 | 55.210 | 47.320 | 71.160 | 46.820 |
| 3.9920 | 49.900 | 59.740 | 47.450 | 80.010 | 47.230 |
| 3.9960 | 69.200 | 105.43 | 46.970 | 131.64 | 47.210 |
| 4.0000 | 75.450 | 111.58 | 47.580 | 137.76 | 46.210 |
| 4.0040 | 69.770 | 105.72 | 46.840 | 131.84 | 47.500 |
| 4.0080 | 49.920 | 62.580 | 48.220 | 80.810 | 47.720 |
| 4.0120 | 50.570 | 60.230 | 50.210 | 73.250 | 47.240 |
| 4.0160 | 50.820 | 60.610 | 47.570 | 71.580 | 46.480 |
| 4.0200 | 49.970 | 61.040 | 46.510 | 72.110 | 46.620 |
| 4.0240 | 50.020 | 61.690 | 47.540 | 71.420 | 47.230 |
| 4.0280 | 46.690 | 62.420 | 47.910 | 71.520 | 48.140 |
| 4.0320 | 51.240 | 63.310 | 47.490 | 71.350 | 47.730 |
| 4.0360 | 51.540 | 64.250 | 46.770 | 70.990 | 47.220 |
| 4.0400 | 52.040 | 64.740 | 46.830 | 69.160 | 47.450 |
| 4.0440 | 51.260 | 65.330 | 47.660 | 70.180 | 47.770 |
| 4.0480 | 53.460 | 66.420 | 48.180 | 69.870 | 46.860 |
| 4.0520 | 54.940 | 67.020 | 46.620 | 69.060 | 46.990 |
| 4.0560 | 54.190 | 67.460 | 47.230 | 68.360 | 47.170 |
| 4.0600 | 54.620 | 67.820 | 47.760 | 68.600 | 47.070 |
| 4.0640 | 53.710 | 67.840 | 47.540 | 56.460 | 47.760 |
| 4.0680 | 53.830 | 67.100 | 46.350 | 62.230 | 47.060 |
| 4.0720 | 53.500 | 67.740 | 47.020 | 59.910 | 46.790 |
| 4.0760 | 52.920 | 67.600 | 47.480 | 63.500 | 48.650 |
| 4.0800 | 52.320 | 65.510 | 47.670 | 64.740 | 47.960 |
| 4.0840 | 52.020 | 64.850 | 46.830 | 59.240 | 45.710 |
| 4.0880 | 51.140 | 64.340 | 47.620 | 56.140 | 47.390 |
| 4.0920 | 50.180 | 62.760 | 47.350 | 53.830 | 47.360 |

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| 4.0960 | 49.470 | 62.480 | 48.230 | 54.250 | 47.740 |
| 4.1000 | 49.440 | 62.860 | 47.740 | 49.090 | 46.040 |
| 4.1040 | 48.350 | 62.310 | 47.760 | 54.880 | 46.690 |
| 4.1080 | 48.170 | 62.160 | 47.620 | 42.340 | 47.640 |
| 4.1120 | 49.520 | 61.210 | 47.400 | 42.730 | 47.600 |
| 4.1160 | 49.580 | 61.250 | 47.180 | 49.770 | 47.820 |
| 4.1200 | 49.300 | 59.900 | 46.010 | 49.190 | 47.430 |
| 4.1240 | 49.110 | 59.170 | 47.460 | 43.930 | 47.120 |
| 4.1280 | 49.940 | 58.680 | 46.830 | 45.390 | 47.950 |
| 4.1320 | 49.870 | 58.770 | 46.690 | 49.130 | 47.130 |
| 4.1360 | 48.630 | 58.790 | 47.280 | 51.170 | 47.480 |
| 4.1400 | 45.760 | 57.840 | 47.040 | 46.230 | 49.400 |
| 4.1440 | 46.830 | 57.680 | 46.410 | 47.040 | 50.070 |
| 4.1480 | 49.080 | 57.410 | 46.100 | 48.830 | 47.740 |
| 4.1520 | 47.740 | 57.620 | 47.300 | 48.250 | 48.000 |
| 4.1560 | 47.430 | 57.650 | 47.590 | 50.390 | 46.950 |
| 4.1600 | 48.010 | 56.360 | 46.500 | 49.160 | 46.400 |
| 4.1640 | 48.570 | 55.750 | 46.870 | 49.360 | 46.570 |
| 4.1680 | 49.170 | 56.020 | 47.730 | 48.240 | 47.930 |
| 4.1720 | 48.660 | 55.870 | 47.480 | 47.250 | 47.480 |
| 4.1760 | 48.660 | 55.490 | 47.610 | 47.540 | 46.700 |
| 4.1800 | 47.320 | 55.170 | 47.590 | 49.810 | 48.390 |
| 4.1840 | 47.440 | 54.780 | 47.330 | 50.120 | 47.340 |
| 4.1880 | 48.020 | 55.530 | 47.820 | 48.620 | 47.420 |
| 4.1920 | 47.870 | 55.540 | 48.350 | 48.240 | 47.300 |
| 4.1960 | 48.070 | 54.500 | 47.690 | 47.730 | 48.780 |
| 4.2000 | 47.470 | 54.660 | 46.550 | 47.020 | 48.480 |
| 4.2040 | 47.150 | 53.350 | 46.810 | 48.060 | 47.340 |
| 4.2080 | 47.800 | 52.920 | 47.920 | 47.740 | 48.400 |
| 4.2120 | 46.810 | 52.900 | 47.650 | 48.360 | 47.330 |
| 4.2160 | 47.140 | 52.880 | 46.570 | 48.080 | 47.830 |
| 4.2200 | 47.570 | 52.480 | 46.710 | 45.270 | 47.490 |
| 4.2240 | 46.280 | 52.000 | 46.810 | 48.450 | 48.010 |
| 4.2280 | 46.550 | 52.930 | 46.810 | 49.340 | 47.100 |
| 4.2320 | 47.790 | 53.130 | 45.270 | 48.140 | 47.030 |
| 4.2360 | 46.970 | 50.860 | 48.490 | 47.700 | 48.050 |
| 4.2400 | 46.760 | 50.890 | 47.540 | 45.940 | 47.570 |
| 4.2440 | 46.680 | 50.750 | 47.470 | 47.000 | 46.660 |
| 4.2480 | 46.810 | 51.160 | 47.190 | 47.990 | 47.260 |
| 4.2520 | 46.190 | 51.260 | 46.940 | 48.000 | 46.930 |
| 4.2560 | 46.810 | 50.930 | 46.210 | 47.000 | 46.750 |
| 4.2600 | 46.680 | 51.320 | 46.480 | 47.600 | 45.720 |
| 4.2640 | 47.190 | 50.730 | 47.800 | 47.160 | 46.690 |
| 4.2680 | 47.470 | 50.270 | 47.820 | 47.370 | 46.980 |
| 4.2720 | 47.060 | 49.860 | 47.260 | 46.780 | 46.720 |
| 4.2760 | 47.680 | 49.450 | 45.870 | 45.340 | 46.790 |
| 4.2800 | 47.690 | 48.890 | 47.660 | 47.840 | 47.630 |
| 4.2840 | 48.100 | 50.210 | 46.700 | 48.290 | 48.030 |
| 4.2880 | 47.310 | 50.910 | 47.850 | 47.530 | 47.710 |
| 4.2920 | 47.010 | 49.710 | 47.350 | 48.760 | 46.620 |
| 4.2960 | 47.350 | 50.000 | 47.130 | 48.780 | 48.460 |
| 4.3000 | 47.280 | 50.810 | 46.810 | 49.040 | 48.340 |
| 4.3040 | 48.160 | 50.820 | 48.710 | 48.150 | 47.940 |
| 4.3080 | 47.890 | 51.030 | 48.230 | 48.570 | 46.950 |
| 4.3120 | 48.050 | 52.100 | 46.710 | 47.990 | 47.770 |
| 4.3160 | 47.930 | 52.550 | 52.550 | 49.290 | 48.270 |
| 4.3200 | 48.020 | 53.630 | 53.480 | 47.400 | 46.820 |

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| 4.3240 | 47.130 | 54.630 | 47.080 | 48.370 | 46.840 |
| 4.3280 | 47.830 | 54.770 | 47.850 | 47.960 | 46.740 |
| 4.3320 | 48.350 | 56.140 | 44.930 | 48.330 | 48.210 |
| 4.3360 | 48.190 | 57.520 | 48.310 | 49.340 | 47.730 |
| 4.3400 | 48.680 | 57.730 | 47.660 | 49.050 | 48.350 |
| 4.3440 | 48.520 | 59.360 | 47.610 | 46.050 | 48.990 |
| 4.3480 | 48.390 | 60.620 | 45.890 | 46.010 | 48.360 |
| 4.3520 | 49.600 | 59.920 | 47.870 | 48.860 | 48.070 |
| 4.3560 | 48.670 | 62.250 | 47.870 | 50.440 | 47.460 |
| 4.3600 | 49.220 | 62.960 | 48.590 | 51.930 | 47.240 |
| 4.3640 | 49.240 | 62.320 | 49.130 | 51.330 | 46.860 |
| 4.3680 | 49.410 | 62.520 | 48.960 | 47.920 | 47.080 |
| 4.3720 | 49.600 | 62.770 | 48.820 | 48.020 | 47.320 |
| 4.3760 | 42.330 | 62.130 | 47.890 | 48.760 | 48.640 |
| 4.3800 | 50.350 | 62.280 | 48.390 | 49.190 | 46.080 |
| 4.3840 | 48.160 | 61.770 | 48.500 | 48.390 | 47.790 |
| 4.3880 | 49.710 | 61.500 | 47.700 | 50.570 | 47.910 |
| 4.3920 | 51.920 | 60.770 | 47.840 | 49.590 | 48.000 |
| 4.3960 | 48.820 | 61.160 | 46.970 | 48.110 | 47.580 |
| 4.4000 | 48.250 | 60.570 | 47.080 | 47.610 | 46.240 |
| 4.4040 | 47.540 | 59.630 | 46.540 | 47.490 | 45.760 |
| 4.4080 | 48.090 | 59.160 | 48.170 | 49.120 | 45.880 |
| 4.4120 | 48.520 | 58.880 | 48.610 | 48.010 | 46.680 |
| 4.4160 | 47.820 | 57.960 | 46.620 | 48.600 | 47.800 |
| 4.4200 | 47.990 | 57.690 | 47.140 | 58.600 | 47.150 |
| 4.4240 | 47.860 | 58.810 | 47.410 | 57.610 | 46.930 |
| 4.4280 | 49.240 | 58.450 | 46.950 | 47.700 | 46.100 |
| 4.4320 | 48.780 | 57.910 | 48.190 | 48.520 | 47.040 |
| 4.4360 | 47.730 | 58.020 | 46.960 | 48.680 | 48.370 |
| 4.4400 | 47.580 | 57.950 | 50.720 | 49.120 | 47.840 |
| 4.4440 | 47.830 | 56.900 | 52.200 | 46.670 | 48.040 |
| 4.4480 | 47.110 | 56.590 | 55.120 | 49.230 | 47.140 |
| 4.4520 | 47.390 | 55.570 | 49.040 | 42.190 | 47.760 |
| 4.4560 | 46.580 | 55.900 | 47.790 | 48.010 | 47.540 |
| 4.4600 | 47.980 | 56.310 | 47.370 | 47.230 | 47.950 |
| 4.4640 | 47.860 | 55.330 | 48.230 | 36.690 | 47.100 |
| 4.4680 | 47.870 | 54.870 | 47.710 | 50.300 | 46.580 |
| 4.4720 | 48.750 | 55.080 | 46.460 | 49.370 | 47.470 |
| 4.4760 | 48.470 | 54.880 | 45.690 | 46.890 | 47.440 |
| 4.4800 | 47.440 | 53.570 | 42.830 | 49.960 | 47.580 |
| 4.4840 | 47.640 | 53.900 | 48.190 | 48.820 | 47.860 |
| 4.4880 | 47.560 | 54.470 | 48.320 | 47.500 | 46.630 |
| 4.4920 | 47.530 | 53.690 | 48.200 | 48.370 | 46.680 |
| 4.4960 | 47.870 | 53.940 | 48.320 | 47.310 | 46.510 |
| 4.5000 | 47.360 | 54.120 | 44.040 | 47.690 | 47.150 |
| 4.5040 | 46.720 | 53.700 | 48.020 | 50.210 | 46.810 |
| 4.5080 | 46.820 | 53.660 | 47.730 | 47.630 | 47.810 |
| 4.5120 | 47.640 | 54.090 | 48.840 | 47.690 | 47.360 |
| 4.5160 | 48.330 | 53.470 | 47.790 | 48.770 | 47.690 |
| 4.5200 | 47.770 | 53.500 | 47.060 | 46.760 | 48.210 |
| 4.5240 | 48.300 | 53.720 | 47.030 | 37.660 | 47.660 |
| 4.5280 | 47.060 | 53.800 | 47.940 | 47.550 | 47.350 |
| 4.5320 | 47.880 | 53.690 | 48.520 | 47.520 | 47.370 |
| 4.5360 | 47.620 | 53.400 | 48.100 | 47.130 | 47.300 |
| 4.5400 | 47.310 | 52.560 | 51.270 | 47.840 | 47.580 |
| 4.5440 | 47.020 | 52.980 | 54.010 | 48.820 | 46.920 |
| 4.5480 | 47.990 | 52.970 | 59.840 | 48.520 | 46.240 |

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| 4.5520 | 49.280 | 51.990 | 64.660 | 47.550 | 46.560 |
| 4.5560 | 47.260 | 51.830 | 67.900 | 47.510 | 47.590 |
| 4.5600 | 47.000 | 52.660 | 67.120 | 49.090 | 47.910 |
| 4.5640 | 47.470 | 53.170 | 60.100 | 42.930 | 46.950 |
| 4.5680 | 47.250 | 52.180 | 56.580 | 48.870 | 47.870 |
| 4.5720 | 47.770 | 52.020 | 51.090 | 49.760 | 46.710 |
| 4.5760 | 47.660 | 51.760 | 50.030 | 46.940 | 46.510 |
| 4.5800 | 48.190 | 50.130 | 47.760 | 50.960 | 46.440 |
| 4.5840 | 48.130 | 50.850 | 47.420 | 50.310 | 47.180 |
| 4.5880 | 48.090 | 51.710 | 46.700 | 46.240 | 46.820 |
| 4.5920 | 47.950 | 52.170 | 47.440 | 46.350 | 47.190 |
| 4.5960 | 47.660 | 52.680 | 47.270 | 47.300 | 46.720 |
| 4.6000 | 47.970 | 52.050 | 47.780 | 42.270 | 47.130 |
| 4.6040 | 48.250 | 51.700 | 47.440 | 45.880 | 47.030 |
| 4.6080 | 47.340 | 51.460 | 47.000 | 47.420 | 47.000 |
| 4.6120 | 46.820 | 51.910 | 47.170 | 50.130 | 47.610 |
| 4.6160 | 47.690 | 52.140 | 48.400 | 50.550 | 48.180 |
| 4.6200 | 46.620 | 52.880 | 47.220 | 47.580 | 47.390 |
| 4.6240 | 46.300 | 53.610 | 46.650 | 49.810 | 47.310 |
| 4.6280 | 46.180 | 51.950 | 47.070 | 42.770 | 47.300 |
| 4.6320 | 46.860 | 53.110 | 46.970 | 46.070 | 47.660 |
| 4.6360 | 47.510 | 54.040 | 47.280 | 45.340 | 48.150 |
| 4.6400 | 47.010 | 54.340 | 47.580 | 49.210 | 47.130 |
| 4.6440 | 47.100 | 54.360 | 47.370 | 45.690 | 47.050 |
| 4.6480 | 47.570 | 55.900 | 46.350 | 51.490 | 46.880 |
| 4.6520 | 48.250 | 56.710 | 48.010 | 52.760 | 47.210 |
| 4.6560 | 47.960 | 56.160 | 48.260 | 50.220 | 46.850 |
| 4.6600 | 47.970 | 56.220 | 48.690 | 52.840 | 47.090 |
| 4.6640 | 48.160 | 56.370 | 49.270 | 52.770 | 47.050 |
| 4.6680 | 46.530 | 55.690 | 44.070 | 48.310 | 46.960 |
| 4.6720 | 47.990 | 55.310 | 46.320 | 52.700 | 46.830 |
| 4.6760 | 48.190 | 55.660 | 48.290 | 48.010 | 47.040 |
| 4.6800 | 48.280 | 56.040 | 45.580 | 48.190 | 47.540 |
| 4.6840 | 48.110 | 55.640 | 46.030 | 51.190 | 46.540 |
| 4.6880 | 47.480 | 56.180 | 47.810 | 50.550 | 47.340 |
| 4.6920 | 47.190 | 55.600 | 47.450 | 46.660 | 46.960 |
| 4.6960 | 47.060 | 55.700 | 48.100 | 48.280 | 46.860 |
| 4.7000 | 46.930 | 56.410 | 47.340 | 47.630 | 46.420 |
| 4.7040 | 45.790 | 54.890 | 48.740 | 48.370 | 47.390 |
| 4.7080 | 46.920 | 54.740 | 47.260 | 47.390 | 47.650 |
| 4.7120 | 48.050 | 54.610 | 46.890 | 48.710 | 46.510 |
| 4.7160 | 45.980 | 54.560 | 46.560 | 47.430 | 46.020 |
| 4.7200 | 48.090 | 54.610 | 46.500 | 47.390 | 47.420 |
| 4.7240 | 47.640 | 54.610 | 47.160 | 49.290 | 46.890 |
| 4.7280 | 48.860 | 55.270 | 47.800 | 47.690 | 46.510 |
| 4.7320 | 48.070 | 54.540 | 45.980 | 47.900 | 47.450 |
| 4.7360 | 47.550 | 54.250 | 46.870 | 47.710 | 47.980 |
| 4.7400 | 48.280 | 54.600 | 47.590 | 48.100 | 49.170 |
| 4.7440 | 47.690 | 54.110 | 46.660 | 46.750 | 47.700 |
| 4.7480 | 47.370 | 54.070 | 47.410 | 47.750 | 47.730 |
| 4.7520 | 46.970 | 53.630 | 47.300 | 48.410 | 47.400 |
| 4.7560 | 48.540 | 53.000 | 47.090 | 48.280 | 47.790 |
| 4.7600 | 47.850 | 53.550 | 46.590 | 48.100 | 47.400 |
| 4.7640 | 47.230 | 53.300 | 47.680 | 46.770 | 46.730 |
| 4.7680 | 47.270 | 53.930 | 47.970 | 47.290 | 46.500 |
| 4.7720 | 47.570 | 53.980 | 47.710 | 47.660 | 47.100 |
| 4.7760 | 48.120 | 53.140 | 47.750 | 48.510 | 45.570 |

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|--------|--------|--------|--------|--------|--------|
| 4.7800 | 48.300 | 53.360 | 47.340 | 47.480 | 48.250 |
| 4.7840 | 48.470 | 53.390 | 46.690 | 47.690 | 47.190 |
| 4.7880 | 47.630 | 53.780 | 46.800 | 48.040 | 47.530 |
| 4.7920 | 48.800 | 52.740 | 48.030 | 47.050 | 47.600 |
| 4.7960 | 47.590 | 52.960 | 47.210 | 46.660 | 46.550 |
| 4.8000 | 46.600 | 53.160 | 46.700 | 47.730 | 47.530 |
| 4.8040 | 46.720 | 52.320 | 47.590 | 47.200 | 46.550 |
| 4.8080 | 47.940 | 52.250 | 47.410 | 47.750 | 46.500 |
| 4.8120 | 48.190 | 51.780 | 46.800 | 48.710 | 46.620 |
| 4.8160 | 48.090 | 52.280 | 47.200 | 48.240 | 47.180 |
| 4.8200 | 46.030 | 51.930 | 47.250 | 47.370 | 47.490 |
| 4.8240 | 47.050 | 52.850 | 47.260 | 47.950 | 48.280 |
| 4.8280 | 47.460 | 51.730 | 47.790 | 47.650 | 43.720 |
| 4.8320 | 46.810 | 52.350 | 47.280 | 46.920 | 46.660 |
| 4.8360 | 44.790 | 52.040 | 47.260 | 46.900 | 47.250 |
| 4.8400 | 47.980 | 52.110 | 48.660 | 48.180 | 47.400 |
| 4.8440 | 46.540 | 52.270 | 47.990 | 48.870 | 46.260 |
| 4.8480 | 47.060 | 53.180 | 47.090 | 48.090 | 46.630 |
| 4.8520 | 46.630 | 53.070 | 47.630 | 48.390 | 47.980 |
| 4.8560 | 46.780 | 52.660 | 47.440 | 48.490 | 46.950 |
| 4.8600 | 46.260 | 52.640 | 48.090 | 47.450 | 47.610 |
| 4.8640 | 46.170 | 52.920 | 46.590 | 46.830 | 46.660 |
| 4.8680 | 48.020 | 53.810 | 47.760 | 46.830 | 46.650 |
| 4.8720 | 48.280 | 53.540 | 48.790 | 47.930 | 47.610 |
| 4.8760 | 47.870 | 53.110 | 48.490 | 45.740 | 46.670 |
| 4.8800 | 47.600 | 53.690 | 47.450 | 46.970 | 47.550 |
| 4.8840 | 47.920 | 55.050 | 47.820 | 46.790 | 46.230 |
| 4.8880 | 49.230 | 55.930 | 47.470 | 45.290 | 47.290 |
| 4.8920 | 46.930 | 55.110 | 46.070 | 47.940 | 47.560 |
| 4.8960 | 47.760 | 55.400 | 47.610 | 47.360 | 47.480 |
| 4.9000 | 48.840 | 54.190 | 49.000 | 48.040 | 46.360 |
| 4.9040 | 47.710 | 54.380 | 47.810 | 47.880 | 47.050 |
| 4.9080 | 47.760 | 54.290 | 47.060 | 47.460 | 47.280 |
| 4.9120 | 47.560 | 54.160 | 47.100 | 49.440 | 47.940 |
| 4.9160 | 47.780 | 54.340 | 47.060 | 47.340 | 47.140 |
| 4.9200 | 47.640 | 53.930 | 47.380 | 48.460 | 48.020 |
| 4.9240 | 47.920 | 53.860 | 47.190 | 47.720 | 48.150 |
| 4.9280 | 47.170 | 53.400 | 46.950 | 47.450 | 48.040 |
| 4.9320 | 47.340 | 53.750 | 46.940 | 47.340 | 48.490 |
| 4.9360 | 47.570 | 53.750 | 46.200 | 46.840 | 46.500 |
| 4.9400 | 47.650 | 53.460 | 47.180 | 48.220 | 46.780 |
| 4.9440 | 47.890 | 52.740 | 48.460 | 47.360 | 47.570 |
| 4.9480 | 47.050 | 53.230 | 47.830 | 46.720 | 47.290 |
| 4.9520 | 46.320 | 53.860 | 47.940 | 48.010 | 47.700 |
| 4.9560 | 47.930 | 53.490 | 47.910 | 47.330 | 48.110 |
| 4.9600 | 47.990 | 53.310 | 47.630 | 47.560 | 47.740 |
| 4.9640 | 48.020 | 53.810 | 48.460 | 46.640 | 47.250 |
| 4.9680 | 47.760 | 54.080 | 48.660 | 46.390 | 46.110 |
| 4.9720 | 45.770 | 53.490 | 47.870 | 46.410 | 46.420 |
| 4.9760 | 48.120 | 53.570 | 48.090 | 47.220 | 46.160 |
| 4.9800 | 47.160 | 53.420 | 47.540 | 47.640 | 46.350 |
| 4.9840 | 47.110 | 53.650 | 48.530 | 47.760 | 47.130 |
| 4.9880 | 46.780 | 53.970 | 47.560 | 48.200 | 47.170 |
| 4.9920 | 47.430 | 53.890 | 47.590 | 48.090 | 47.770 |
| 4.9960 | 71.250 | 52.930 | 47.270 | 48.490 | 46.920 |
| 5.0000 | 77.320 | 52.830 | 48.060 | 47.450 | 47.610 |
| 5.0040 | 71.480 | 53.610 | 47.800 | 46.880 | 46.770 |

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|--------|--------|--------|--------|--------|--------|
| 5.0080 | 47.690 | 54.620 | 47.540 | 47.000 | 46.330 |
| 5.0120 | 46.740 | 53.860 | 46.930 | 47.460 | 48.160 |
| 5.0160 | 47.480 | 53.170 | 48.010 | 47.290 | 48.750 |
| 5.0200 | 47.410 | 52.610 | 47.170 | 46.760 | 47.220 |
| 5.0240 | 48.490 | 52.000 | 47.540 | 47.700 | 48.090 |
| 5.0280 | 47.660 | 52.060 | 46.760 | 46.790 | 47.210 |
| 5.0320 | 46.880 | 53.430 | 46.440 | 46.430 | 44.060 |
| 5.0360 | 47.290 | 52.740 | 47.120 | 47.620 | 47.840 |
| 5.0400 | 47.430 | 53.410 | 48.170 | 47.770 | 48.320 |
| 5.0440 | 48.020 | 52.710 | 48.070 | 47.930 | 48.410 |
| 5.0480 | 48.890 | 53.910 | 46.350 | 46.430 | 47.520 |
| 5.0520 | 47.510 | 53.500 | 46.890 | 47.640 | 47.060 |
| 5.0560 | 47.640 | 53.590 | 46.650 | 47.580 | 47.220 |
| 5.0600 | 48.540 | 53.030 | 47.620 | 47.560 | 48.150 |
| 5.0640 | 49.110 | 53.450 | 47.190 | 47.330 | 47.120 |
| 5.0680 | 48.370 | 53.340 | 47.990 | 47.460 | 47.640 |
| 5.0720 | 47.400 | 52.720 | 48.130 | 44.500 | 47.000 |
| 5.0760 | 47.440 | 53.370 | 48.810 | 47.990 | 46.890 |
| 5.0800 | 47.580 | 53.200 | 48.750 | 47.840 | 46.290 |
| 5.0840 | 48.120 | 52.430 | 48.180 | 48.200 | 47.040 |
| 5.0880 | 47.650 | 52.990 | 47.610 | 47.490 | 47.010 |
| 5.0920 | 46.810 | 53.060 | 47.830 | 47.520 | 47.270 |
| 5.0960 | 47.660 | 52.870 | 47.080 | 48.570 | 44.670 |
| 5.1000 | 47.020 | 52.650 | 46.840 | 48.060 | 47.060 |
| 5.1040 | 47.730 | 53.370 | 47.300 | 47.270 | 47.300 |
| 5.1080 | 48.300 | 53.500 | 47.970 | 46.900 | 47.240 |
| 5.1120 | 47.490 | 53.900 | 46.370 | 47.530 | 47.790 |
| 5.1160 | 48.300 | 54.510 | 45.570 | 47.240 | 48.080 |
| 5.1200 | 48.610 | 54.160 | 46.210 | 46.760 | 47.270 |
| 5.1240 | 47.470 | 53.440 | 47.340 | 47.420 | 46.860 |
| 5.1280 | 47.920 | 52.380 | 47.820 | 48.080 | 46.640 |
| 5.1320 | 47.840 | 52.310 | 49.240 | 47.470 | 45.050 |
| 5.1360 | 47.990 | 52.800 | 47.640 | 47.890 | 46.910 |
| 5.1400 | 47.820 | 52.630 | 47.750 | 47.580 | 48.140 |
| 5.1440 | 47.970 | 52.030 | 47.880 | 47.940 | 47.790 |
| 5.1480 | 47.580 | 51.720 | 47.460 | 47.470 | 47.800 |
| 5.1520 | 47.940 | 51.180 | 46.950 | 46.820 | 47.830 |
| 5.1560 | 48.090 | 51.270 | 46.900 | 46.910 | 46.690 |
| 5.1600 | 48.370 | 51.140 | 47.510 | 48.000 | 46.450 |
| 5.1640 | 47.230 | 52.220 | 47.790 | 47.410 | 40.390 |
| 5.1680 | 46.160 | 51.720 | 46.980 | 46.940 | 46.090 |
| 5.1720 | 46.690 | 51.340 | 47.110 | 47.500 | 47.860 |
| 5.1760 | 47.970 | 51.220 | 48.300 | 46.940 | 47.200 |
| 5.1800 | 47.420 | 51.500 | 48.040 | 47.330 | 47.640 |
| 5.1840 | 47.320 | 50.760 | 47.060 | 46.650 | 47.530 |
| 5.1880 | 47.270 | 51.220 | 48.010 | 47.380 | 48.210 |
| 5.1920 | 47.520 | 51.350 | 47.380 | 47.850 | 47.310 |
| 5.1960 | 46.800 | 51.820 | 46.770 | 46.970 | 48.050 |
| 5.2000 | 46.580 | 51.620 | 46.640 | 47.480 | 48.140 |
| 5.2040 | 47.670 | 51.320 | 47.180 | 47.190 | 47.820 |
| 5.2080 | 47.990 | 51.390 | 47.990 | 47.210 | 48.170 |
| 5.2120 | 46.940 | 51.030 | 47.020 | 46.420 | 47.600 |
| 5.2160 | 47.290 | 51.860 | 46.850 | 45.740 | 47.110 |
| 5.2200 | 47.780 | 51.150 | 46.520 | 46.070 | 46.950 |
| 5.2240 | 47.020 | 51.450 | 46.430 | 47.190 | 47.180 |
| 5.2280 | 46.380 | 52.250 | 47.680 | 46.680 | 47.420 |
| 5.2320 | 47.090 | 51.340 | 47.310 | 46.760 | 47.670 |

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|--------|--------|--------|--------|--------|--------|
| 5.2360 | 46.840 | 51.620 | 47.600 | 47.410 | 46.890 |
| 5.2400 | 47.280 | 52.010 | 47.750 | 47.540 | 44.090 |
| 5.2440 | 47.870 | 51.480 | 47.440 | 47.570 | 47.360 |
| 5.2480 | 48.260 | 51.440 | 43.090 | 47.540 | 46.230 |
| 5.2520 | 48.120 | 52.370 | 48.270 | 47.160 | 47.170 |
| 5.2560 | 46.300 | 53.050 | 47.830 | 47.140 | 47.740 |
| 5.2600 | 48.360 | 52.220 | 46.480 | 46.280 | 47.660 |
| 5.2640 | 48.370 | 53.080 | 47.000 | 46.640 | 47.150 |
| 5.2680 | 47.500 | 52.730 | 48.440 | 47.450 | 47.560 |
| 5.2720 | 47.570 | 52.400 | 47.210 | 47.020 | 46.470 |
| 5.2760 | 47.780 | 52.170 | 46.790 | 47.760 | 46.490 |
| 5.2800 | 47.710 | 51.320 | 48.080 | 47.310 | 46.840 |
| 5.2840 | 47.400 | 51.800 | 48.070 | 47.180 | 47.120 |
| 5.2880 | 47.580 | 52.290 | 46.820 | 49.180 | 47.330 |
| 5.2920 | 47.280 | 53.410 | 46.730 | 49.280 | 47.790 |
| 5.2960 | 48.170 | 52.440 | 46.970 | 48.770 | 47.270 |
| 5.3000 | 47.480 | 52.890 | 46.870 | 48.300 | 48.100 |
| 5.3040 | 46.240 | 52.250 | 46.650 | 47.990 | 47.840 |
| 5.3080 | 46.180 | 52.570 | 47.140 | 48.150 | 47.200 |
| 5.3120 | 46.050 | 52.550 | 48.610 | 49.710 | 46.050 |
| 5.3160 | 48.030 | 52.510 | 48.830 | 50.570 | 46.780 |
| 5.3200 | 47.580 | 53.060 | 47.950 | 50.510 | 47.520 |
| 5.3240 | 46.950 | 53.350 | 47.920 | 50.320 | 45.730 |
| 5.3280 | 47.240 | 52.500 | 47.310 | 50.990 | 47.450 |
| 5.3320 | 47.800 | 53.230 | 47.230 | 50.150 | 46.920 |
| 5.3360 | 48.570 | 53.410 | 47.420 | 50.030 | 47.410 |
| 5.3400 | 47.910 | 52.750 | 47.500 | 50.370 | 46.820 |
| 5.3440 | 47.270 | 52.890 | 46.210 | 50.160 | 46.600 |
| 5.3480 | 47.520 | 52.410 | 45.620 | 50.150 | 47.250 |
| 5.3520 | 47.340 | 52.300 | 49.520 | 51.100 | 47.370 |
| 5.3560 | 48.050 | 52.910 | 47.790 | 50.480 | 48.770 |
| 5.3600 | 48.140 | 53.410 | 48.070 | 50.990 | 48.180 |
| 5.3640 | 47.460 | 53.240 | 48.590 | 50.450 | 47.620 |
| 5.3680 | 48.530 | 53.540 | 47.550 | 49.690 | 47.170 |
| 5.3720 | 47.840 | 53.530 | 47.130 | 50.620 | 47.530 |
| 5.3760 | 47.720 | 53.590 | 47.380 | 50.630 | 47.750 |
| 5.3800 | 47.690 | 53.630 | 47.470 | 50.940 | 47.480 |
| 5.3840 | 47.990 | 53.420 | 47.470 | 50.720 | 47.000 |
| 5.3880 | 48.560 | 53.860 | 47.570 | 50.180 | 47.160 |
| 5.3920 | 47.890 | 54.190 | 47.790 | 50.760 | 47.240 |
| 5.3960 | 47.530 | 54.770 | 48.290 | 49.300 | 47.830 |
| 5.4000 | 47.630 | 55.060 | 48.580 | 50.210 | 48.460 |
| 5.4040 | 47.890 | 55.320 | 47.150 | 51.000 | 47.330 |
| 5.4080 | 48.070 | 56.340 | 47.610 | 50.450 | 47.280 |
| 5.4120 | 48.490 | 56.400 | 47.390 | 50.160 | 47.270 |
| 5.4160 | 47.790 | 55.850 | 45.860 | 49.370 | 47.240 |
| 5.4200 | 49.010 | 56.560 | 46.720 | 49.140 | 47.470 |
| 5.4240 | 47.970 | 56.310 | 46.610 | 48.490 | 46.200 |
| 5.4280 | 48.150 | 56.900 | 47.920 | 49.770 | 45.630 |
| 5.4320 | 47.990 | 57.190 | 48.380 | 50.030 | 47.670 |
| 5.4360 | 48.250 | 58.550 | 47.390 | 51.190 | 46.400 |
| 5.4400 | 48.360 | 59.000 | 48.020 | 51.980 | 47.680 |
| 5.4440 | 48.010 | 59.040 | 48.420 | 52.910 | 47.840 |
| 5.4480 | 48.000 | 58.020 | 46.830 | 54.080 | 48.760 |
| 5.4520 | 48.630 | 57.320 | 47.790 | 55.350 | 48.220 |
| 5.4560 | 48.930 | 57.400 | 47.320 | 55.870 | 48.120 |
| 5.4600 | 47.690 | 56.640 | 47.530 | 56.230 | 48.160 |

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| 5.4640 | 47.430 | 55.040 | 46.450 | 55.350 | 47.680 |
| 5.4680 | 48.530 | 55.160 | 45.770 | 53.640 | 48.530 |
| 5.4720 | 47.940 | 54.000 | 46.150 | 52.300 | 47.640 |
| 5.4760 | 47.500 | 52.560 | 48.240 | 50.730 | 46.980 |
| 5.4800 | 47.730 | 51.080 | 47.630 | 51.680 | 47.320 |
| 5.4840 | 47.020 | 50.270 | 47.230 | 51.740 | 47.640 |
| 5.4880 | 47.300 | 49.380 | 46.160 | 49.910 | 47.300 |
| 5.4920 | 46.650 | 49.290 | 46.590 | 49.880 | 46.780 |
| 5.4960 | 47.430 | 48.720 | 47.940 | 48.370 | 47.560 |
| 5.5000 | 48.180 | 48.790 | 47.780 | 48.170 | 47.340 |
| 5.5040 | 47.600 | 48.830 | 46.330 | 47.680 | 48.200 |
| 5.5080 | 46.560 | 48.310 | 46.960 | 47.340 | 46.750 |
| 5.5120 | 47.300 | 47.910 | 47.450 | 47.470 | 47.520 |
| 5.5160 | 48.290 | 48.300 | 47.010 | 47.950 | 47.270 |
| 5.5200 | 47.070 | 48.130 | 46.630 | 48.600 | 47.490 |
| 5.5240 | 47.840 | 48.970 | 47.120 | 47.390 | 47.950 |
| 5.5280 | 46.720 | 49.680 | 46.550 | 47.650 | 47.170 |
| 5.5320 | 47.230 | 49.320 | 49.000 | 46.510 | 47.630 |
| 5.5360 | 46.880 | 49.210 | 48.730 | 47.090 | 47.490 |
| 5.5400 | 47.680 | 48.510 | 48.250 | 47.030 | 48.640 |
| 5.5440 | 47.980 | 49.330 | 46.720 | 48.150 | 47.480 |
| 5.5480 | 49.010 | 49.610 | 48.370 | 47.520 | 47.330 |
| 5.5520 | 48.040 | 49.390 | 48.290 | 48.130 | 47.800 |
| 5.5560 | 47.820 | 48.810 | 47.680 | 48.020 | 47.010 |
| 5.5600 | 47.610 | 48.360 | 46.420 | 48.020 | 47.970 |
| 5.5640 | 45.450 | 48.630 | 46.950 | 47.830 | 48.360 |
| 5.5680 | 48.270 | 48.770 | 47.690 | 47.780 | 48.100 |
| 5.5720 | 48.930 | 49.520 | 48.190 | 48.280 | 47.500 |
| 5.5760 | 46.990 | 49.590 | 47.360 | 48.430 | 45.630 |
| 5.5800 | 46.900 | 47.640 | 46.820 | 47.790 | 48.070 |
| 5.5840 | 47.480 | 50.010 | 47.430 | 47.490 | 51.340 |
| 5.5880 | 47.220 | 50.720 | 46.950 | 48.250 | 49.490 |
| 5.5920 | 47.730 | 50.500 | 47.980 | 48.820 | 48.530 |
| 5.5960 | 48.420 | 50.770 | 48.210 | 48.970 | 47.050 |
| 5.6000 | 48.000 | 50.900 | 47.870 | 47.870 | 47.290 |
| 5.6040 | 47.030 | 51.450 | 46.750 | 47.330 | 46.670 |
| 5.6080 | 47.660 | 50.760 | 47.630 | 47.650 | 47.400 |
| 5.6120 | 47.620 | 50.890 | 48.230 | 47.650 | 47.430 |
| 5.6160 | 47.770 | 51.140 | 46.660 | 47.710 | 44.210 |
| 5.6200 | 47.610 | 51.620 | 47.140 | 47.060 | 47.020 |
| 5.6240 | 45.150 | 51.260 | 47.490 | 47.480 | 47.990 |
| 5.6280 | 46.800 | 51.970 | 47.750 | 47.840 | 47.870 |
| 5.6320 | 46.370 | 51.890 | 48.140 | 47.220 | 46.590 |
| 5.6360 | 46.620 | 51.480 | 47.940 | 47.350 | 46.660 |
| 5.6400 | 46.320 | 51.480 | 48.120 | 47.570 | 47.020 |
| 5.6440 | 47.650 | 51.720 | 48.510 | 47.170 | 47.180 |
| 5.6480 | 47.810 | 52.280 | 47.450 | 46.670 | 47.150 |
| 5.6520 | 47.480 | 51.270 | 47.550 | 46.840 | 47.290 |
| 5.6560 | 46.450 | 52.010 | 47.940 | 47.130 | 47.600 |
| 5.6600 | 46.960 | 52.740 | 47.490 | 47.890 | 47.040 |
| 5.6640 | 47.380 | 51.700 | 49.020 | 47.930 | 47.340 |
| 5.6680 | 48.340 | 52.290 | 47.240 | 46.800 | 47.980 |
| 5.6720 | 47.860 | 53.110 | 48.310 | 46.400 | 47.010 |
| 5.6760 | 47.270 | 51.860 | 47.320 | 46.990 | 46.840 |
| 5.6800 | 48.000 | 51.980 | 46.740 | 46.890 | 47.630 |
| 5.6840 | 47.680 | 51.610 | 46.890 | 46.830 | 47.440 |
| 5.6880 | 47.320 | 52.050 | 47.260 | 47.820 | 47.780 |

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|--------|--------|--------|--------|--------|--------|
| 5.6920 | 47.450 | 52.820 | 48.100 | 47.810 | 47.680 |
| 5.6960 | 42.820 | 53.610 | 47.770 | 47.470 | 48.100 |
| 5.7000 | 46.500 | 53.430 | 47.630 | 48.320 | 47.390 |
| 5.7040 | 47.700 | 52.560 | 47.850 | 48.010 | 47.030 |
| 5.7080 | 46.640 | 53.420 | 47.670 | 47.940 | 47.020 |
| 5.7120 | 47.600 | 54.420 | 46.270 | 47.940 | 47.160 |
| 5.7160 | 48.310 | 55.050 | 45.960 | 48.320 | 47.840 |
| 5.7200 | 48.230 | 55.370 | 46.890 | 47.820 | 47.130 |
| 5.7240 | 47.310 | 55.140 | 46.650 | 48.020 | 47.650 |
| 5.7280 | 46.640 | 55.900 | 47.670 | 48.070 | 47.150 |
| 5.7320 | 46.550 | 57.080 | 47.860 | 47.410 | 46.920 |
| 5.7360 | 46.790 | 57.370 | 46.540 | 47.380 | 47.220 |
| 5.7400 | 48.140 | 57.480 | 46.960 | 48.250 | 48.040 |
| 5.7440 | 47.890 | 58.050 | 47.710 | 46.650 | 47.860 |
| 5.7480 | 47.870 | 59.030 | 46.960 | 48.010 | 47.660 |
| 5.7520 | 48.090 | 58.960 | 47.400 | 47.850 | 47.440 |
| 5.7560 | 47.500 | 60.320 | 49.300 | 49.380 | 46.490 |
| 5.7600 | 47.590 | 60.510 | 51.380 | 51.130 | 46.980 |
| 5.7640 | 48.640 | 60.730 | 49.900 | 50.180 | 47.400 |
| 5.7680 | 48.190 | 59.950 | 47.260 | 48.470 | 48.510 |
| 5.7720 | 49.200 | 58.400 | 47.090 | 48.990 | 48.170 |
| 5.7760 | 48.410 | 56.770 | 47.180 | 47.930 | 47.950 |
| 5.7800 | 47.240 | 56.420 | 47.060 | 49.070 | 48.420 |
| 5.7840 | 46.670 | 56.050 | 48.970 | 48.440 | 47.950 |
| 5.7880 | 48.020 | 54.650 | 48.530 | 47.790 | 47.080 |
| 5.7920 | 48.080 | 53.730 | 46.820 | 47.960 | 48.070 |
| 5.7960 | 48.200 | 52.230 | 46.110 | 48.210 | 48.950 |
| 5.8000 | 47.990 | 51.850 | 46.890 | 48.120 | 47.280 |
| 5.8040 | 47.820 | 52.300 | 47.510 | 47.600 | 47.250 |
| 5.8080 | 47.020 | 51.200 | 47.090 | 48.070 | 47.890 |
| 5.8120 | 46.920 | 50.960 | 47.150 | 48.050 | 46.130 |
| 5.8160 | 48.150 | 49.750 | 47.710 | 47.800 | 47.160 |
| 5.8200 | 46.840 | 49.490 | 48.090 | 47.720 | 46.230 |
| 5.8240 | 46.900 | 49.820 | 47.450 | 48.080 | 46.140 |
| 5.8280 | 47.020 | 48.750 | 47.410 | 47.440 | 46.530 |
| 5.8320 | 46.550 | 49.060 | 47.630 | 48.340 | 47.070 |
| 5.8360 | 47.120 | 48.840 | 47.660 | 48.210 | 47.730 |
| 5.8400 | 47.180 | 49.150 | 47.250 | 47.530 | 47.910 |
| 5.8440 | 46.780 | 48.010 | 46.650 | 47.710 | 47.600 |
| 5.8480 | 47.240 | 47.500 | 47.730 | 47.810 | 47.590 |
| 5.8520 | 46.420 | 48.030 | 47.420 | 47.580 | 47.850 |
| 5.8560 | 47.690 | 48.450 | 47.130 | 48.420 | 47.000 |
| 5.8600 | 47.730 | 48.110 | 47.500 | 48.730 | 46.870 |
| 5.8640 | 47.620 | 48.320 | 49.530 | 48.670 | 47.240 |
| 5.8680 | 46.690 | 49.030 | 50.730 | 48.660 | 47.910 |
| 5.8720 | 47.890 | 48.090 | 54.060 | 46.990 | 47.310 |
| 5.8760 | 48.040 | 46.720 | 56.650 | 48.440 | 47.580 |
| 5.8800 | 47.720 | 47.430 | 59.100 | 48.650 | 48.510 |
| 5.8840 | 46.580 | 47.710 | 59.410 | 48.710 | 47.740 |
| 5.8880 | 47.460 | 47.870 | 58.700 | 49.260 | 46.900 |
| 5.8920 | 47.570 | 48.340 | 57.880 | 48.590 | 47.160 |
| 5.8960 | 47.210 | 48.020 | 55.340 | 47.760 | 47.790 |
| 5.9000 | 45.740 | 48.700 | 53.830 | 48.440 | 47.490 |
| 5.9040 | 47.690 | 48.840 | 50.720 | 48.510 | 48.010 |
| 5.9080 | 46.920 | 47.750 | 48.370 | 47.770 | 46.650 |
| 5.9120 | 47.890 | 47.960 | 48.350 | 48.760 | 47.370 |
| 5.9160 | 47.480 | 48.470 | 47.850 | 49.910 | 47.250 |

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|--------|--------|--------|--------|--------|--------|
| 5.9200 | 47.510 | 48.720 | 49.110 | 52.090 | 48.280 |
| 5.9240 | 47.950 | 48.760 | 48.690 | 50.980 | 47.680 |
| 5.9280 | 46.880 | 48.920 | 47.740 | 50.060 | 47.930 |
| 5.9320 | 47.320 | 48.780 | 46.580 | 49.270 | 48.210 |
| 5.9360 | 47.680 | 48.760 | 49.060 | 50.770 | 48.270 |
| 5.9400 | 48.040 | 49.130 | 50.550 | 53.090 | 48.060 |
| 5.9440 | 47.170 | 49.490 | 48.580 | 50.810 | 48.470 |
| 5.9480 | 47.730 | 49.720 | 47.290 | 49.670 | 48.420 |
| 5.9520 | 47.710 | 49.930 | 47.610 | 50.180 | 47.710 |
| 5.9560 | 47.820 | 48.950 | 49.460 | 49.380 | 48.040 |
| 5.9600 | 48.360 | 49.690 | 49.260 | 50.820 | 47.120 |
| 5.9640 | 47.610 | 50.140 | 48.630 | 51.620 | 48.400 |
| 5.9680 | 47.100 | 49.940 | 47.400 | 51.430 | 48.730 |
| 5.9720 | 48.170 | 49.310 | 47.850 | 52.370 | 48.760 |
| 5.9760 | 48.660 | 49.980 | 47.950 | 52.770 | 52.450 |
| 5.9800 | 48.910 | 50.690 | 50.370 | 55.030 | 55.560 |
| 5.9840 | 48.270 | 50.750 | 51.490 | 56.480 | 61.310 |
| 5.9880 | 48.460 | 51.140 | 54.130 | 59.070 | 69.170 |
| 5.9920 | 48.530 | 56.380 | 58.700 | 63.490 | 81.110 |
| 5.9960 | 71.230 | 102.35 | 95.470 | 74.670 | 129.51 |
| 6.0000 | 77.380 | 108.53 | 101.64 | 80.330 | 135.68 |
| 6.0040 | 71.460 | 102.65 | 95.770 | 75.230 | 129.81 |
| 6.0080 | 50.170 | 56.360 | 59.600 | 66.060 | 81.450 |
| 6.0120 | 49.790 | 51.720 | 55.960 | 62.750 | 69.390 |
| 6.0160 | 49.370 | 51.740 | 52.060 | 61.270 | 61.460 |
| 6.0200 | 50.280 | 52.320 | 51.220 | 60.640 | 55.280 |
| 6.0240 | 48.650 | 52.460 | 50.540 | 58.530 | 52.720 |
| 6.0280 | 48.970 | 52.160 | 49.650 | 58.360 | 49.070 |
| 6.0320 | 48.850 | 53.070 | 50.490 | 57.510 | 49.640 |
| 6.0360 | 47.820 | 53.860 | 50.650 | 58.360 | 47.980 |
| 6.0400 | 47.570 | 53.610 | 50.160 | 58.440 | 47.560 |
| 6.0440 | 48.220 | 53.670 | 50.090 | 57.220 | 47.570 |
| 6.0480 | 47.720 | 54.090 | 48.990 | 55.960 | 45.920 |
| 6.0520 | 47.150 | 54.270 | 48.670 | 57.480 | 46.140 |
| 6.0560 | 47.980 | 53.670 | 51.030 | 59.950 | 47.510 |
| 6.0600 | 49.350 | 52.070 | 55.180 | 62.740 | 47.520 |
| 6.0640 | 48.390 | 52.380 | 51.580 | 60.230 | 46.780 |
| 6.0680 | 48.380 | 51.890 | 47.840 | 57.340 | 46.760 |
| 6.0720 | 48.500 | 51.560 | 47.880 | 56.680 | 47.550 |
| 6.0760 | 47.960 | 51.360 | 51.140 | 59.430 | 48.220 |
| 6.0800 | 47.450 | 50.900 | 53.870 | 60.570 | 48.250 |
| 6.0840 | 47.570 | 50.290 | 51.370 | 56.840 | 48.350 |
| 6.0880 | 46.970 | 50.480 | 52.510 | 54.180 | 48.220 |
| 6.0920 | 46.520 | 49.570 | 55.320 | 51.620 | 48.510 |
| 6.0960 | 48.240 | 49.640 | 56.660 | 50.030 | 47.090 |
| 6.1000 | 47.240 | 49.500 | 60.840 | 50.430 | 47.250 |
| 6.1040 | 47.130 | 49.570 | 63.480 | 51.780 | 47.570 |
| 6.1080 | 46.550 | 50.440 | 65.570 | 52.090 | 46.800 |
| 6.1120 | 47.820 | 50.390 | 66.270 | 49.650 | 46.300 |
| 6.1160 | 47.650 | 49.640 | 66.240 | 50.560 | 46.260 |
| 6.1200 | 47.650 | 49.610 | 66.000 | 51.380 | 46.270 |
| 6.1240 | 47.270 | 48.920 | 63.890 | 50.400 | 46.150 |
| 6.1280 | 48.150 | 50.140 | 60.800 | 49.030 | 47.420 |
| 6.1320 | 48.890 | 49.460 | 56.330 | 49.130 | 45.710 |
| 6.1360 | 47.680 | 48.830 | 53.380 | 49.230 | 46.860 |
| 6.1400 | 47.950 | 50.210 | 49.890 | 48.820 | 46.540 |
| 6.1440 | 47.470 | 51.760 | 47.690 | 47.060 | 46.670 |

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|--------|--------|--------|--------|--------|--------|
| 6.1480 | 47.540 | 51.470 | 47.600 | 48.910 | 46.840 |
| 6.1520 | 46.760 | 50.430 | 46.730 | 48.670 | 46.010 |
| 6.1560 | 46.380 | 51.150 | 46.880 | 49.230 | 46.620 |
| 6.1600 | 46.790 | 52.250 | 47.430 | 48.500 | 46.630 |
| 6.1640 | 46.790 | 53.490 | 47.330 | 48.140 | 45.890 |
| 6.1680 | 47.030 | 53.050 | 48.630 | 47.740 | 46.540 |
| 6.1720 | 47.590 | 54.050 | 49.470 | 47.910 | 47.250 |
| 6.1760 | 47.950 | 55.500 | 48.690 | 49.530 | 47.540 |
| 6.1800 | 47.280 | 56.570 | 48.140 | 49.330 | 47.720 |
| 6.1840 | 48.270 | 56.350 | 47.630 | 48.630 | 47.890 |
| 6.1880 | 48.220 | 57.620 | 47.850 | 48.110 | 47.100 |
| 6.1920 | 48.040 | 57.440 | 47.330 | 48.140 | 46.900 |
| 6.1960 | 47.880 | 57.940 | 48.740 | 47.090 | 47.440 |
| 6.2000 | 48.470 | 58.980 | 48.470 | 48.500 | 47.080 |
| 6.2040 | 48.430 | 59.470 | 47.570 | 47.030 | 47.610 |
| 6.2080 | 48.300 | 60.740 | 48.240 | 47.080 | 48.220 |
| 6.2120 | 47.500 | 61.420 | 46.990 | 47.370 | 47.550 |
| 6.2160 | 48.530 | 61.680 | 46.330 | 48.050 | 47.430 |
| 6.2200 | 48.150 | 61.130 | 48.170 | 46.670 | 46.300 |
| 6.2240 | 47.830 | 61.390 | 47.520 | 47.910 | 46.600 |
| 6.2280 | 48.150 | 62.080 | 47.540 | 48.460 | 48.100 |
| 6.2320 | 47.690 | 63.050 | 47.360 | 48.430 | 46.860 |
| 6.2360 | 47.770 | 63.260 | 47.610 | 48.340 | 46.620 |
| 6.2400 | 47.460 | 63.790 | 48.290 | 49.460 | 47.570 |
| 6.2440 | 48.210 | 62.800 | 47.600 | 47.780 | 47.400 |
| 6.2480 | 49.170 | 62.340 | 47.950 | 47.540 | 46.740 |
| 6.2520 | 48.880 | 62.170 | 47.850 | 48.610 | 46.260 |
| 6.2560 | 48.620 | 61.940 | 48.550 | 48.880 | 47.440 |
| 6.2600 | 47.570 | 61.530 | 47.240 | 48.850 | 47.060 |
| 6.2640 | 48.130 | 61.660 | 47.760 | 47.310 | 47.280 |
| 6.2680 | 47.680 | 61.610 | 47.470 | 47.070 | 47.460 |
| 6.2720 | 48.110 | 61.310 | 47.620 | 46.670 | 47.720 |
| 6.2760 | 48.650 | 61.050 | 47.010 | 47.820 | 46.710 |
| 6.2800 | 48.110 | 60.700 | 47.430 | 48.190 | 47.320 |
| 6.2840 | 48.010 | 60.270 | 47.830 | 48.400 | 48.210 |
| 6.2880 | 48.280 | 60.260 | 47.910 | 48.170 | 48.370 |
| 6.2920 | 48.540 | 59.010 | 47.040 | 48.100 | 48.260 |
| 6.2960 | 47.690 | 58.040 | 47.390 | 47.540 | 47.610 |
| 6.3000 | 47.900 | 57.230 | 47.720 | 48.780 | 48.370 |
| 6.3040 | 48.150 | 56.650 | 47.000 | 48.780 | 47.170 |
| 6.3080 | 47.520 | 55.720 | 46.750 | 47.210 | 47.850 |
| 6.3120 | 47.060 | 56.000 | 45.640 | 47.880 | 45.670 |
| 6.3160 | 46.740 | 56.150 | 46.710 | 47.240 | 47.280 |
| 6.3200 | 48.120 | 54.250 | 47.350 | 48.140 | 47.600 |
| 6.3240 | 48.510 | 53.430 | 47.780 | 47.800 | 46.950 |
| 6.3280 | 48.060 | 53.400 | 47.290 | 47.680 | 47.130 |
| 6.3320 | 46.970 | 53.040 | 47.470 | 47.820 | 47.610 |
| 6.3360 | 47.500 | 52.980 | 48.000 | 47.740 | 47.220 |
| 6.3400 | 46.920 | 53.190 | 47.360 | 46.960 | 47.670 |
| 6.3440 | 47.170 | 53.320 | 46.940 | 46.790 | 47.650 |
| 6.3480 | 47.040 | 53.250 | 46.100 | 45.970 | 47.250 |
| 6.3520 | 47.330 | 53.020 | 47.490 | 47.090 | 45.650 |
| 6.3560 | 47.540 | 51.600 | 47.630 | 47.390 | 47.140 |
| 6.3600 | 48.000 | 50.530 | 47.550 | 47.910 | 46.190 |
| 6.3640 | 47.260 | 50.840 | 46.300 | 48.770 | 47.570 |
| 6.3680 | 47.190 | 50.130 | 46.830 | 47.070 | 45.750 |
| 6.3720 | 47.080 | 50.580 | 47.030 | 47.000 | 46.400 |

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|--------|--------|--------|--------|--------|--------|
| 6.3760 | 47.740 | 50.000 | 46.700 | 46.810 | 46.890 |
| 6.3800 | 48.340 | 51.200 | 46.940 | 47.020 | 47.550 |
| 6.3840 | 47.850 | 50.780 | 47.080 | 47.060 | 46.600 |
| 6.3880 | 46.830 | 50.530 | 47.730 | 46.750 | 45.870 |
| 6.3920 | 47.800 | 50.410 | 47.370 | 47.120 | 46.550 |
| 6.3960 | 47.610 | 51.380 | 46.200 | 47.460 | 47.530 |
| 6.4000 | 47.980 | 51.910 | 46.690 | 47.390 | 47.140 |

| SPLi [Nominal 150 dB Spectra] | | | | | | |
|-------------------------------|--------|--------|--------|--------|--------|------|
| Frequency | 1 KHz | 2 KHz | 3 KHz | 4 KHz | 6 KHz | |
| [kHz] | [dB] | [dB] | [dB] | [dB] | [dB] | [dB] |
| 0.0040000 | 90.170 | 97.650 | 96.210 | 98.620 | 111.10 | |
| 0.0080000 | 90.590 | 95.900 | 80.260 | 57.860 | 99.490 | |
| 0.0120000 | 90.220 | 94.880 | 77.050 | 55.210 | 87.180 | |
| 0.0160000 | 89.710 | 94.920 | 75.480 | 51.160 | 80.370 | |
| 0.0200000 | 88.880 | 93.560 | 75.510 | 50.180 | 73.940 | |
| 0.0240000 | 87.100 | 93.500 | 75.350 | 49.230 | 70.070 | |
| 0.0280000 | 86.960 | 92.660 | 75.360 | 49.530 | 66.520 | |
| 0.0320000 | 87.530 | 91.520 | 75.030 | 49.680 | 64.010 | |
| 0.0360000 | 86.910 | 91.700 | 73.420 | 49.740 | 59.970 | |
| 0.0400000 | 85.250 | 91.120 | 73.230 | 49.020 | 55.840 | |
| 0.0440000 | 84.740 | 89.680 | 72.960 | 48.890 | 53.490 | |
| 0.0480000 | 85.000 | 89.420 | 71.960 | 50.340 | 52.690 | |
| 0.0520000 | 84.260 | 88.970 | 72.260 | 52.310 | 54.110 | |
| 0.0560000 | 84.010 | 89.150 | 72.710 | 55.830 | 57.300 | |
| 0.0600000 | 83.960 | 89.230 | 71.850 | 58.610 | 58.060 | |
| 0.0640000 | 83.530 | 88.440 | 70.560 | 54.520 | 52.840 | |
| 0.0680000 | 83.480 | 88.020 | 70.310 | 50.940 | 50.210 | |
| 0.0720000 | 83.360 | 87.750 | 70.430 | 50.300 | 49.170 | |
| 0.0760000 | 82.210 | 87.440 | 70.170 | 53.710 | 51.860 | |
| 0.0800000 | 81.900 | 87.300 | 67.830 | 56.650 | 55.770 | |
| 0.0840000 | 81.950 | 86.440 | 67.920 | 53.180 | 50.980 | |
| 0.0880000 | 82.930 | 86.410 | 68.560 | 50.640 | 49.190 | |
| 0.0920000 | 82.100 | 85.260 | 68.900 | 49.820 | 48.710 | |
| 0.0960000 | 80.030 | 84.710 | 67.040 | 51.360 | 49.090 | |
| 0.1000000 | 80.290 | 85.780 | 66.190 | 51.480 | 49.090 | |
| 0.1040000 | 81.400 | 85.240 | 66.370 | 52.520 | 48.760 | |
| 0.1080000 | 79.950 | 84.450 | 66.470 | 58.590 | 56.920 | |
| 0.1120000 | 79.280 | 84.230 | 65.180 | 58.630 | 58.290 | |
| 0.1160000 | 77.640 | 84.280 | 64.970 | 53.640 | 49.930 | |
| 0.1200000 | 77.510 | 83.880 | 65.180 | 54.040 | 50.370 | |
| 0.1240000 | 77.730 | 84.110 | 64.900 | 54.420 | 49.300 | |
| 0.1280000 | 77.250 | 83.500 | 65.530 | 54.640 | 49.120 | |
| 0.1320000 | 77.380 | 82.300 | 65.380 | 56.080 | 48.590 | |
| 0.1360000 | 77.760 | 82.270 | 63.760 | 56.310 | 48.550 | |
| 0.1400000 | 77.180 | 82.530 | 63.570 | 56.200 | 48.550 | |
| 0.1440000 | 76.820 | 82.630 | 63.870 | 55.380 | 48.720 | |
| 0.1480000 | 76.860 | 82.200 | 63.900 | 56.850 | 49.120 | |
| 0.1520000 | 76.640 | 82.020 | 64.440 | 56.510 | 48.620 | |
| 0.1560000 | 76.750 | 82.910 | 63.170 | 57.050 | 48.930 | |
| 0.1600000 | 76.160 | 81.620 | 64.210 | 58.500 | 51.030 | |
| 0.1640000 | 76.660 | 82.440 | 64.800 | 60.770 | 58.170 | |
| 0.1680000 | 76.890 | 83.160 | 65.120 | 61.570 | 57.140 | |
| 0.1720000 | 76.440 | 83.260 | 65.450 | 60.480 | 50.710 | |
| 0.1760000 | 76.660 | 82.090 | 66.130 | 63.110 | 62.060 | |
| 0.1800000 | 77.230 | 82.040 | 67.230 | 71.620 | 68.040 | |
| 0.1840000 | 76.490 | 83.090 | 66.310 | 63.730 | 62.210 | |
| 0.1880000 | 77.230 | 82.710 | 66.640 | 64.480 | 51.070 | |
| 0.1920000 | 77.710 | 83.080 | 68.050 | 63.270 | 49.960 | |
| 0.1960000 | 77.430 | 83.600 | 68.440 | 65.560 | 50.530 | |
| 0.2000000 | 77.990 | 82.980 | 68.140 | 66.320 | 50.730 | |
| 0.2040000 | 78.420 | 83.310 | 69.320 | 62.790 | 51.910 | |
| 0.2080000 | 78.840 | 83.040 | 69.690 | 65.970 | 51.550 | |
| 0.2120000 | 78.920 | 82.980 | 69.940 | 65.230 | 51.740 | |
| 0.2160000 | 81.200 | 83.700 | 69.700 | 64.850 | 58.420 | |

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|---------|--------|--------|--------|--------|--------|
| 0.22000 | 80.310 | 85.010 | 70.170 | 67.290 | 66.490 |
| 0.22400 | 79.520 | 84.290 | 71.340 | 67.090 | 62.780 |
| 0.22800 | 80.150 | 84.740 | 70.560 | 65.430 | 50.710 |
| 0.23200 | 80.320 | 84.180 | 70.100 | 65.060 | 49.800 |
| 0.23600 | 80.870 | 83.270 | 73.440 | 68.370 | 64.020 |
| 0.24000 | 79.600 | 83.120 | 73.200 | 69.180 | 69.220 |
| 0.24400 | 79.110 | 83.680 | 71.770 | 65.180 | 62.660 |
| 0.24800 | 78.390 | 83.130 | 72.490 | 62.730 | 47.870 |
| 0.25200 | 77.660 | 82.550 | 67.390 | 63.280 | 49.540 |
| 0.25600 | 78.370 | 81.730 | 70.180 | 62.480 | 48.340 |
| 0.26000 | 79.990 | 81.910 | 70.360 | 61.780 | 48.590 |
| 0.26400 | 78.130 | 81.980 | 70.560 | 62.130 | 49.640 |
| 0.26800 | 77.910 | 81.770 | 69.900 | 55.220 | 49.300 |
| 0.27200 | 78.210 | 82.250 | 71.880 | 62.940 | 52.580 |
| 0.27600 | 78.440 | 81.560 | 70.610 | 62.310 | 57.130 |
| 0.28000 | 76.890 | 80.710 | 70.400 | 60.440 | 52.120 |
| 0.28400 | 79.480 | 81.630 | 70.700 | 61.990 | 48.760 |
| 0.28800 | 76.520 | 81.330 | 70.130 | 60.870 | 48.640 |
| 0.29200 | 75.270 | 79.360 | 68.490 | 59.390 | 48.610 |
| 0.29600 | 75.230 | 79.420 | 69.070 | 63.060 | 61.830 |
| 0.30000 | 75.560 | 79.710 | 70.790 | 66.280 | 67.760 |
| 0.30400 | 75.050 | 79.070 | 67.900 | 63.530 | 62.110 |
| 0.30800 | 74.780 | 77.710 | 67.440 | 59.710 | 48.900 |
| 0.31200 | 74.280 | 78.190 | 66.730 | 60.390 | 47.760 |
| 0.31600 | 73.410 | 77.760 | 66.610 | 58.830 | 48.820 |
| 0.32000 | 73.770 | 77.110 | 66.540 | 59.390 | 48.980 |
| 0.32400 | 73.790 | 77.470 | 66.630 | 59.020 | 48.260 |
| 0.32800 | 72.760 | 76.990 | 64.780 | 59.440 | 52.020 |
| 0.33200 | 72.010 | 77.160 | 65.720 | 59.800 | 54.680 |
| 0.33600 | 72.540 | 76.600 | 65.870 | 59.190 | 49.500 |
| 0.34000 | 72.520 | 76.910 | 65.450 | 58.600 | 47.450 |
| 0.34400 | 71.300 | 77.610 | 64.000 | 57.370 | 47.530 |
| 0.34800 | 71.450 | 76.690 | 63.590 | 56.960 | 46.830 |
| 0.35200 | 71.040 | 75.340 | 63.640 | 57.420 | 47.100 |
| 0.35600 | 71.380 | 75.440 | 63.860 | 58.160 | 51.700 |
| 0.36000 | 71.660 | 76.170 | 63.850 | 58.410 | 56.040 |
| 0.36400 | 71.330 | 76.780 | 64.050 | 56.900 | 52.580 |
| 0.36800 | 69.860 | 74.900 | 62.440 | 56.880 | 47.450 |
| 0.37200 | 69.610 | 75.570 | 63.100 | 55.520 | 47.580 |
| 0.37600 | 69.790 | 74.510 | 62.140 | 55.900 | 48.160 |
| 0.38000 | 69.810 | 74.440 | 60.320 | 56.060 | 47.680 |
| 0.38400 | 69.260 | 74.830 | 61.340 | 55.810 | 49.300 |
| 0.38800 | 68.560 | 74.900 | 61.960 | 55.750 | 50.340 |
| 0.39200 | 68.560 | 73.960 | 63.360 | 55.880 | 47.020 |
| 0.39600 | 67.850 | 74.190 | 64.780 | 59.110 | 57.370 |
| 0.40000 | 68.240 | 74.050 | 62.390 | 59.520 | 59.480 |
| 0.40400 | 68.050 | 75.030 | 61.450 | 54.620 | 53.190 |
| 0.40800 | 68.070 | 75.220 | 61.560 | 55.400 | 48.200 |
| 0.41200 | 68.380 | 74.390 | 61.020 | 55.800 | 48.120 |
| 0.41600 | 67.350 | 73.910 | 62.850 | 62.000 | 61.120 |
| 0.42000 | 69.030 | 75.210 | 65.600 | 64.170 | 67.330 |
| 0.42400 | 69.890 | 73.970 | 62.490 | 60.620 | 60.670 |
| 0.42800 | 68.080 | 73.300 | 60.620 | 56.650 | 49.090 |
| 0.43200 | 69.100 | 73.140 | 60.510 | 56.940 | 46.180 |
| 0.43600 | 69.470 | 73.190 | 60.320 | 58.110 | 52.750 |
| 0.44000 | 69.640 | 72.500 | 60.610 | 59.000 | 62.100 |
| 0.44400 | 68.960 | 73.410 | 61.350 | 59.200 | 60.360 |

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|---------|--------|--------|--------|--------|--------|
| 0.44800 | 70.920 | 74.800 | 61.160 | 61.710 | 49.440 |
| 0.45200 | 69.110 | 75.370 | 62.840 | 61.920 | 50.360 |
| 0.45600 | 69.980 | 73.190 | 62.890 | 59.790 | 48.960 |
| 0.46000 | 70.760 | 75.440 | 64.080 | 61.450 | 47.450 |
| 0.46400 | 70.980 | 76.060 | 64.200 | 61.350 | 47.910 |
| 0.46800 | 70.230 | 75.260 | 64.800 | 61.830 | 47.880 |
| 0.47200 | 70.550 | 75.420 | 65.370 | 62.650 | 48.360 |
| 0.47600 | 72.220 | 76.240 | 65.660 | 63.060 | 54.510 |
| 0.48000 | 73.210 | 76.900 | 68.130 | 63.760 | 59.560 |
| 0.48400 | 73.930 | 77.630 | 68.320 | 63.970 | 54.650 |
| 0.48800 | 81.420 | 77.190 | 68.400 | 64.430 | 48.530 |
| 0.49200 | 84.280 | 78.050 | 69.490 | 65.700 | 48.300 |
| 0.49600 | 73.230 | 78.190 | 69.290 | 65.780 | 50.110 |
| 0.50000 | 75.010 | 77.990 | 68.830 | 66.300 | 49.050 |
| 0.50400 | 75.720 | 78.350 | 69.480 | 66.850 | 48.640 |
| 0.50800 | 77.650 | 79.110 | 70.470 | 66.180 | 48.760 |
| 0.51200 | 77.240 | 79.400 | 71.180 | 66.670 | 48.160 |
| 0.51600 | 77.280 | 80.540 | 70.690 | 66.910 | 48.420 |
| 0.52000 | 77.100 | 80.980 | 71.780 | 65.840 | 48.110 |
| 0.52400 | 76.950 | 81.690 | 72.750 | 66.480 | 47.780 |
| 0.52800 | 77.770 | 81.680 | 73.800 | 67.070 | 48.880 |
| 0.53200 | 77.920 | 80.940 | 73.480 | 67.680 | 50.480 |
| 0.53600 | 78.570 | 81.980 | 73.500 | 67.820 | 60.420 |
| 0.54000 | 79.060 | 82.080 | 74.960 | 69.630 | 66.250 |
| 0.54400 | 78.910 | 80.050 | 73.330 | 67.590 | 60.510 |
| 0.54800 | 78.350 | 81.550 | 72.250 | 65.590 | 47.940 |
| 0.55200 | 78.870 | 82.710 | 73.820 | 65.940 | 49.070 |
| 0.55600 | 78.460 | 82.400 | 74.190 | 67.100 | 57.630 |
| 0.56000 | 79.140 | 82.150 | 73.500 | 65.670 | 61.570 |
| 0.56400 | 79.790 | 85.590 | 73.280 | 65.810 | 53.580 |
| 0.56800 | 79.320 | 81.620 | 73.760 | 65.970 | 46.900 |
| 0.57200 | 78.560 | 81.570 | 74.380 | 66.900 | 47.820 |
| 0.57600 | 78.470 | 82.090 | 73.830 | 67.140 | 47.280 |
| 0.58000 | 79.350 | 81.410 | 72.840 | 66.000 | 47.640 |
| 0.58400 | 78.510 | 79.740 | 72.500 | 66.330 | 48.100 |
| 0.58800 | 77.890 | 79.780 | 73.480 | 65.550 | 47.470 |
| 0.59200 | 77.630 | 79.390 | 73.650 | 65.070 | 47.050 |
| 0.59600 | 77.000 | 84.170 | 72.390 | 66.560 | 47.230 |
| 0.60000 | 78.730 | 82.100 | 72.630 | 65.820 | 50.140 |
| 0.60400 | 78.320 | 81.270 | 72.480 | 65.010 | 49.560 |
| 0.60800 | 76.890 | 80.330 | 72.530 | 65.270 | 47.410 |
| 0.61200 | 77.940 | 71.640 | 71.270 | 65.300 | 48.560 |
| 0.61600 | 78.220 | 70.350 | 71.860 | 65.360 | 48.350 |
| 0.62000 | 77.250 | 79.780 | 71.720 | 65.130 | 47.940 |
| 0.62400 | 76.940 | 80.970 | 71.440 | 65.650 | 47.260 |
| 0.62800 | 76.080 | 79.730 | 72.000 | 66.060 | 46.480 |
| 0.63200 | 74.250 | 79.780 | 71.490 | 66.030 | 48.720 |
| 0.63600 | 75.470 | 79.550 | 71.240 | 64.670 | 48.610 |
| 0.64000 | 75.930 | 79.120 | 70.920 | 64.320 | 48.880 |
| 0.64400 | 76.280 | 78.800 | 70.590 | 65.540 | 48.010 |
| 0.64800 | 75.190 | 78.650 | 69.890 | 64.630 | 47.270 |
| 0.65200 | 74.590 | 78.640 | 70.070 | 64.580 | 47.160 |
| 0.65600 | 74.730 | 77.990 | 69.970 | 64.610 | 48.030 |
| 0.66000 | 75.180 | 77.910 | 69.840 | 64.910 | 53.870 |
| 0.66400 | 75.180 | 78.010 | 70.140 | 65.060 | 49.790 |
| 0.66800 | 74.900 | 78.830 | 70.050 | 64.290 | 46.950 |
| 0.67200 | 74.130 | 77.890 | 69.360 | 64.620 | 47.120 |

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|---------|--------|--------|--------|--------|--------|
| 0.67600 | 77.090 | 77.350 | 68.940 | 64.810 | 46.390 |
| 0.68000 | 74.730 | 77.940 | 68.480 | 64.830 | 47.230 |
| 0.68400 | 74.170 | 78.020 | 68.060 | 63.850 | 47.280 |
| 0.68800 | 74.520 | 77.020 | 68.850 | 62.940 | 46.990 |
| 0.69200 | 73.740 | 76.450 | 69.090 | 63.700 | 47.270 |
| 0.69600 | 72.940 | 77.470 | 68.900 | 64.480 | 47.720 |
| 0.70000 | 72.930 | 76.220 | 68.080 | 64.430 | 47.040 |
| 0.70400 | 73.230 | 76.580 | 67.220 | 64.710 | 46.880 |
| 0.70800 | 73.610 | 76.450 | 67.800 | 64.210 | 47.340 |
| 0.71200 | 71.740 | 75.080 | 67.640 | 63.940 | 47.420 |
| 0.71600 | 72.190 | 74.080 | 67.380 | 64.880 | 49.050 |
| 0.72000 | 72.590 | 75.350 | 67.640 | 64.700 | 50.180 |
| 0.72400 | 72.150 | 75.930 | 68.330 | 64.160 | 47.430 |
| 0.72800 | 71.360 | 77.140 | 67.420 | 64.460 | 47.070 |
| 0.73200 | 70.990 | 75.450 | 67.150 | 64.320 | 46.910 |
| 0.73600 | 71.990 | 74.670 | 66.750 | 64.040 | 47.760 |
| 0.74000 | 71.410 | 74.710 | 67.590 | 63.490 | 47.340 |
| 0.74400 | 71.780 | 74.320 | 66.020 | 62.720 | 46.160 |
| 0.74800 | 70.880 | 74.300 | 66.020 | 63.180 | 46.680 |
| 0.75200 | 70.150 | 74.700 | 66.780 | 63.600 | 47.740 |
| 0.75600 | 69.820 | 74.440 | 66.250 | 63.000 | 48.620 |
| 0.76000 | 71.130 | 73.540 | 65.490 | 63.040 | 47.090 |
| 0.76400 | 71.120 | 72.950 | 65.730 | 63.190 | 46.090 |
| 0.76800 | 71.110 | 74.380 | 64.670 | 63.020 | 46.610 |
| 0.77200 | 70.540 | 74.240 | 65.050 | 63.110 | 48.020 |
| 0.77600 | 70.650 | 73.940 | 64.470 | 63.920 | 47.450 |
| 0.78000 | 70.050 | 73.810 | 65.310 | 64.730 | 50.650 |
| 0.78400 | 69.980 | 73.770 | 65.310 | 62.670 | 48.220 |
| 0.78800 | 69.980 | 73.810 | 63.620 | 62.770 | 47.120 |
| 0.79200 | 70.420 | 73.810 | 64.190 | 62.310 | 47.540 |
| 0.79600 | 70.630 | 72.980 | 64.310 | 62.790 | 47.970 |
| 0.80000 | 70.260 | 72.630 | 63.040 | 62.100 | 47.770 |
| 0.80400 | 70.350 | 71.710 | 63.850 | 61.930 | 46.890 |
| 0.80800 | 70.490 | 72.490 | 63.980 | 61.280 | 46.500 |
| 0.81200 | 69.450 | 73.150 | 64.160 | 61.060 | 46.710 |
| 0.81600 | 69.390 | 73.000 | 65.410 | 61.520 | 46.990 |
| 0.82000 | 69.720 | 72.300 | 64.410 | 61.760 | 46.300 |
| 0.82400 | 70.450 | 73.170 | 63.900 | 62.150 | 47.010 |
| 0.82800 | 70.220 | 73.280 | 64.250 | 62.740 | 46.850 |
| 0.83200 | 70.210 | 72.840 | 64.600 | 62.650 | 47.510 |
| 0.83600 | 71.800 | 73.120 | 65.340 | 61.590 | 47.170 |
| 0.84000 | 72.530 | 73.760 | 66.420 | 61.110 | 47.980 |
| 0.84400 | 72.310 | 74.590 | 66.830 | 61.860 | 46.890 |
| 0.84800 | 72.320 | 75.200 | 67.100 | 62.460 | 47.420 |
| 0.85200 | 72.630 | 75.060 | 67.790 | 62.840 | 46.600 |
| 0.85600 | 73.300 | 75.410 | 67.850 | 63.090 | 46.830 |
| 0.86000 | 73.330 | 75.660 | 67.510 | 63.440 | 46.730 |
| 0.86400 | 73.940 | 76.570 | 68.600 | 63.950 | 47.540 |
| 0.86800 | 74.670 | 77.380 | 68.370 | 64.600 | 47.650 |
| 0.87200 | 75.940 | 77.630 | 68.950 | 64.060 | 47.030 |
| 0.87600 | 76.520 | 78.160 | 70.150 | 63.750 | 46.470 |
| 0.88000 | 76.540 | 78.870 | 70.470 | 63.590 | 48.230 |
| 0.88400 | 76.440 | 79.130 | 70.860 | 65.170 | 47.400 |
| 0.88800 | 75.780 | 78.680 | 70.850 | 65.400 | 48.220 |
| 0.89200 | 76.350 | 78.450 | 71.620 | 64.540 | 47.090 |
| 0.89600 | 76.960 | 79.340 | 71.730 | 66.300 | 49.120 |
| 0.90000 | 77.940 | 79.510 | 70.690 | 65.600 | 51.750 |

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|---------|--------|--------|--------|--------|--------|
| 0.90400 | 77.520 | 80.400 | 70.160 | 66.230 | 49.780 |
| 0.90800 | 77.420 | 80.230 | 71.150 | 67.070 | 47.300 |
| 0.91200 | 78.250 | 80.640 | 72.160 | 67.420 | 47.400 |
| 0.91600 | 78.960 | 80.960 | 73.230 | 67.450 | 46.860 |
| 0.92000 | 79.170 | 80.490 | 73.420 | 66.980 | 47.970 |
| 0.92400 | 78.910 | 80.280 | 72.610 | 67.100 | 47.780 |
| 0.92800 | 79.440 | 81.540 | 72.490 | 67.140 | 47.350 |
| 0.93200 | 80.080 | 81.300 | 72.300 | 66.820 | 47.270 |
| 0.93600 | 80.090 | 81.530 | 71.760 | 66.960 | 47.480 |
| 0.94000 | 80.810 | 80.490 | 71.890 | 67.390 | 46.630 |
| 0.94400 | 80.810 | 79.450 | 72.060 | 68.720 | 45.900 |
| 0.94800 | 80.830 | 80.000 | 72.050 | 67.820 | 47.010 |
| 0.95200 | 81.760 | 79.880 | 72.290 | 66.890 | 46.880 |
| 0.95600 | 78.610 | 80.570 | 72.160 | 67.600 | 47.810 |
| 0.96000 | 82.480 | 81.150 | 72.690 | 67.780 | 48.050 |
| 0.96400 | 82.540 | 80.580 | 72.380 | 68.010 | 47.650 |
| 0.96800 | 82.890 | 80.680 | 72.300 | 67.800 | 47.590 |
| 0.97200 | 82.460 | 80.950 | 72.470 | 68.030 | 47.560 |
| 0.97600 | 82.680 | 79.280 | 71.490 | 67.560 | 47.090 |
| 0.98000 | 85.530 | 79.030 | 70.820 | 67.930 | 47.450 |
| 0.98400 | 87.620 | 79.270 | 71.810 | 68.000 | 48.030 |
| 0.98800 | 87.920 | 79.050 | 71.420 | 68.100 | 47.730 |
| 0.99200 | 88.740 | 80.130 | 70.350 | 68.010 | 47.050 |
| 0.99600 | 148.29 | 80.010 | 71.460 | 67.820 | 47.160 |
| 1.0000 | 154.32 | 79.870 | 71.350 | 68.830 | 47.080 |
| 1.0040 | 148.31 | 78.970 | 71.090 | 68.900 | 48.250 |
| 1.0080 | 87.300 | 78.210 | 71.010 | 68.720 | 47.640 |
| 1.0120 | 86.160 | 79.110 | 71.630 | 68.150 | 46.350 |
| 1.0160 | 86.090 | 79.150 | 71.320 | 68.130 | 49.380 |
| 1.0200 | 83.830 | 78.300 | 71.070 | 67.750 | 53.170 |
| 1.0240 | 81.600 | 77.590 | 70.270 | 68.020 | 50.560 |
| 1.0280 | 81.550 | 78.760 | 69.810 | 68.520 | 46.690 |
| 1.0320 | 81.510 | 77.790 | 70.510 | 68.550 | 47.590 |
| 1.0360 | 81.370 | 76.970 | 70.650 | 68.710 | 47.750 |
| 1.0400 | 80.990 | 78.020 | 70.400 | 68.390 | 49.590 |
| 1.0440 | 80.630 | 78.730 | 70.130 | 68.400 | 47.240 |
| 1.0480 | 80.800 | 81.190 | 70.330 | 68.240 | 47.840 |
| 1.0520 | 79.410 | 73.880 | 70.100 | 67.650 | 48.020 |
| 1.0560 | 78.870 | 77.540 | 69.480 | 67.280 | 47.320 |
| 1.0600 | 77.840 | 77.200 | 69.550 | 68.250 | 46.960 |
| 1.0640 | 78.450 | 76.420 | 71.090 | 68.320 | 46.780 |
| 1.0680 | 78.530 | 66.260 | 70.340 | 68.520 | 48.430 |
| 1.0720 | 76.590 | 76.730 | 68.600 | 67.480 | 48.480 |
| 1.0760 | 75.940 | 76.830 | 68.680 | 67.780 | 47.560 |
| 1.0800 | 77.190 | 77.670 | 68.230 | 67.070 | 49.200 |
| 1.0840 | 78.640 | 77.160 | 68.140 | 67.090 | 47.180 |
| 1.0880 | 76.180 | 76.970 | 68.230 | 66.810 | 48.020 |
| 1.0920 | 76.940 | 76.970 | 68.860 | 67.410 | 49.010 |
| 1.0960 | 76.780 | 77.330 | 68.670 | 67.050 | 47.830 |
| 1.1000 | 74.620 | 76.930 | 68.460 | 67.230 | 47.640 |
| 1.1040 | 74.830 | 76.450 | 68.190 | 66.670 | 48.130 |
| 1.1080 | 75.220 | 76.730 | 68.440 | 66.480 | 46.800 |
| 1.1120 | 74.010 | 76.080 | 67.970 | 66.800 | 47.620 |
| 1.1160 | 74.890 | 75.700 | 67.670 | 66.600 | 47.620 |
| 1.1200 | 74.560 | 75.710 | 68.190 | 65.910 | 47.730 |
| 1.1240 | 73.800 | 75.960 | 67.620 | 65.450 | 47.320 |
| 1.1280 | 73.390 | 75.980 | 67.180 | 65.760 | 47.090 |

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|--------|--------|--------|--------|--------|--------|
| 1.1320 | 74.360 | 75.440 | 67.090 | 64.850 | 46.400 |
| 1.1360 | 73.570 | 74.160 | 67.660 | 63.970 | 48.910 |
| 1.1400 | 73.550 | 74.910 | 67.260 | 65.130 | 56.240 |
| 1.1440 | 73.400 | 74.650 | 66.430 | 64.970 | 48.630 |
| 1.1480 | 72.500 | 75.020 | 66.500 | 64.120 | 47.590 |
| 1.1520 | 71.500 | 74.310 | 65.520 | 63.940 | 48.880 |
| 1.1560 | 72.770 | 73.940 | 65.670 | 63.510 | 47.680 |
| 1.1600 | 73.350 | 73.770 | 66.310 | 63.090 | 46.730 |
| 1.1640 | 72.970 | 73.800 | 65.960 | 62.480 | 46.490 |
| 1.1680 | 72.360 | 73.900 | 65.370 | 61.530 | 47.260 |
| 1.1720 | 72.010 | 73.430 | 65.320 | 61.480 | 47.500 |
| 1.1760 | 72.400 | 74.550 | 64.750 | 61.700 | 47.160 |
| 1.1800 | 72.270 | 73.100 | 64.750 | 61.330 | 46.090 |
| 1.1840 | 71.360 | 72.480 | 64.240 | 61.310 | 46.070 |
| 1.1880 | 71.780 | 73.680 | 64.280 | 59.860 | 47.270 |
| 1.1920 | 70.970 | 73.920 | 64.420 | 59.380 | 47.810 |
| 1.1960 | 71.620 | 74.100 | 65.100 | 60.760 | 49.720 |
| 1.2000 | 71.200 | 74.270 | 66.040 | 60.270 | 50.930 |
| 1.2040 | 71.310 | 72.820 | 64.250 | 59.420 | 46.750 |
| 1.2080 | 70.820 | 72.710 | 64.100 | 59.160 | 46.430 |
| 1.2120 | 70.620 | 73.080 | 65.800 | 58.910 | 46.810 |
| 1.2160 | 71.190 | 74.520 | 65.100 | 59.640 | 46.550 |
| 1.2200 | 71.260 | 75.180 | 66.450 | 59.950 | 47.790 |
| 1.2240 | 71.160 | 74.610 | 66.670 | 60.180 | 46.860 |
| 1.2280 | 72.240 | 75.070 | 66.610 | 60.190 | 46.250 |
| 1.2320 | 72.790 | 75.320 | 67.170 | 61.670 | 47.460 |
| 1.2360 | 73.230 | 76.650 | 67.130 | 61.860 | 46.510 |
| 1.2400 | 73.990 | 76.810 | 67.950 | 61.500 | 46.610 |
| 1.2440 | 73.550 | 77.270 | 68.550 | 61.650 | 46.480 |
| 1.2480 | 73.610 | 77.600 | 69.790 | 62.240 | 47.400 |
| 1.2520 | 74.280 | 78.180 | 68.980 | 64.050 | 46.940 |
| 1.2560 | 75.150 | 79.130 | 69.550 | 63.780 | 49.850 |
| 1.2600 | 75.430 | 78.620 | 70.730 | 63.960 | 54.520 |
| 1.2640 | 75.500 | 79.390 | 70.990 | 65.430 | 47.340 |
| 1.2680 | 75.220 | 79.640 | 70.590 | 66.330 | 47.360 |
| 1.2720 | 75.000 | 79.690 | 70.170 | 66.350 | 46.690 |
| 1.2760 | 75.670 | 80.740 | 70.040 | 66.090 | 47.250 |
| 1.2800 | 75.670 | 79.690 | 70.790 | 66.500 | 48.480 |
| 1.2840 | 75.740 | 79.500 | 71.120 | 66.120 | 47.530 |
| 1.2880 | 75.210 | 78.990 | 71.010 | 66.530 | 48.600 |
| 1.2920 | 75.460 | 79.530 | 71.570 | 67.000 | 48.850 |
| 1.2960 | 76.490 | 79.510 | 70.780 | 67.650 | 48.320 |
| 1.3000 | 75.080 | 78.310 | 69.990 | 67.990 | 46.540 |
| 1.3040 | 75.600 | 79.140 | 70.280 | 68.020 | 47.810 |
| 1.3080 | 75.230 | 79.410 | 70.680 | 68.840 | 48.250 |
| 1.3120 | 74.610 | 79.450 | 69.520 | 69.160 | 47.130 |
| 1.3160 | 74.830 | 79.740 | 70.620 | 70.010 | 47.470 |
| 1.3200 | 75.640 | 78.460 | 70.690 | 70.260 | 49.820 |
| 1.3240 | 75.670 | 77.930 | 70.770 | 69.830 | 48.960 |
| 1.3280 | 75.270 | 77.720 | 70.900 | 68.870 | 46.480 |
| 1.3320 | 75.670 | 78.560 | 70.420 | 68.320 | 47.040 |
| 1.3360 | 74.880 | 78.480 | 70.710 | 69.220 | 48.110 |
| 1.3400 | 74.890 | 79.020 | 70.730 | 69.560 | 47.720 |
| 1.3440 | 74.820 | 78.150 | 70.220 | 69.010 | 47.600 |
| 1.3480 | 75.780 | 77.840 | 69.830 | 68.010 | 48.770 |
| 1.3520 | 75.250 | 78.850 | 70.060 | 68.370 | 48.130 |
| 1.3560 | 74.920 | 79.780 | 70.350 | 68.850 | 51.020 |

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|--------|--------|--------|--------|--------|--------|
| 1.3600 | 75.040 | 79.710 | 70.980 | 68.620 | 49.560 |
| 1.3640 | 75.460 | 79.370 | 71.630 | 67.960 | 48.720 |
| 1.3680 | 74.740 | 77.940 | 70.940 | 68.080 | 47.630 |
| 1.3720 | 74.500 | 78.070 | 71.070 | 67.570 | 46.820 |
| 1.3760 | 74.610 | 77.940 | 70.620 | 68.320 | 56.230 |
| 1.3800 | 74.700 | 78.810 | 70.430 | 68.150 | 62.760 |
| 1.3840 | 74.140 | 78.680 | 69.890 | 68.400 | 57.970 |
| 1.3880 | 74.860 | 77.980 | 70.100 | 68.420 | 50.020 |
| 1.3920 | 74.080 | 77.090 | 69.830 | 68.290 | 47.350 |
| 1.3960 | 74.630 | 76.500 | 69.970 | 67.900 | 47.840 |
| 1.4000 | 74.380 | 77.980 | 70.010 | 68.080 | 47.710 |
| 1.4040 | 73.550 | 77.550 | 70.500 | 67.690 | 48.170 |
| 1.4080 | 74.330 | 77.920 | 70.750 | 67.590 | 47.770 |
| 1.4120 | 74.280 | 77.720 | 69.980 | 67.580 | 43.950 |
| 1.4160 | 73.440 | 77.810 | 69.790 | 67.240 | 47.760 |
| 1.4200 | 73.910 | 78.620 | 69.710 | 67.150 | 48.300 |
| 1.4240 | 73.740 | 77.960 | 69.250 | 66.680 | 48.110 |
| 1.4280 | 73.410 | 78.230 | 69.240 | 66.970 | 47.870 |
| 1.4320 | 74.250 | 78.820 | 69.740 | 66.390 | 48.210 |
| 1.4360 | 75.170 | 78.500 | 69.360 | 65.780 | 49.360 |
| 1.4400 | 74.590 | 77.250 | 69.560 | 66.490 | 48.450 |
| 1.4440 | 72.980 | 76.750 | 70.000 | 66.670 | 47.180 |
| 1.4480 | 72.230 | 77.640 | 69.870 | 66.710 | 48.050 |
| 1.4520 | 72.820 | 77.750 | 69.900 | 66.050 | 47.230 |
| 1.4560 | 73.400 | 78.610 | 70.240 | 66.260 | 47.200 |
| 1.4600 | 72.900 | 77.800 | 69.920 | 65.140 | 47.380 |
| 1.4640 | 73.910 | 77.440 | 69.870 | 64.950 | 47.390 |
| 1.4680 | 73.550 | 77.400 | 69.770 | 65.500 | 47.820 |
| 1.4720 | 73.190 | 77.450 | 69.680 | 64.330 | 47.390 |
| 1.4760 | 74.060 | 77.760 | 69.650 | 63.570 | 47.320 |
| 1.4800 | 74.790 | 77.430 | 69.550 | 64.420 | 47.130 |
| 1.4840 | 73.590 | 77.780 | 69.120 | 65.730 | 47.330 |
| 1.4880 | 73.030 | 78.720 | 68.670 | 65.530 | 46.230 |
| 1.4920 | 73.440 | 77.950 | 68.970 | 64.880 | 47.090 |
| 1.4960 | 72.810 | 76.820 | 69.350 | 64.180 | 46.440 |
| 1.5000 | 73.070 | 76.770 | 68.660 | 64.000 | 54.580 |
| 1.5040 | 72.400 | 77.110 | 68.250 | 63.780 | 48.150 |
| 1.5080 | 75.920 | 76.790 | 68.210 | 63.320 | 46.480 |
| 1.5120 | 75.190 | 77.500 | 67.850 | 62.700 | 46.560 |
| 1.5160 | 72.400 | 78.450 | 67.350 | 62.990 | 44.300 |
| 1.5200 | 72.470 | 78.790 | 68.090 | 62.550 | 48.150 |
| 1.5240 | 72.330 | 76.970 | 68.190 | 62.620 | 47.530 |
| 1.5280 | 71.960 | 76.790 | 67.940 | 63.180 | 46.940 |
| 1.5320 | 71.470 | 75.980 | 68.170 | 62.370 | 46.290 |
| 1.5360 | 71.180 | 76.160 | 67.660 | 62.310 | 46.630 |
| 1.5400 | 72.260 | 76.280 | 68.020 | 62.780 | 46.740 |
| 1.5440 | 71.960 | 75.980 | 67.780 | 61.760 | 47.890 |
| 1.5480 | 70.670 | 76.500 | 67.980 | 61.280 | 47.010 |
| 1.5520 | 70.570 | 76.640 | 68.330 | 61.440 | 46.690 |
| 1.5560 | 70.910 | 76.420 | 68.220 | 62.190 | 47.710 |
| 1.5600 | 71.460 | 75.290 | 67.840 | 62.210 | 48.310 |
| 1.5640 | 71.290 | 75.500 | 68.290 | 62.500 | 47.270 |
| 1.5680 | 70.490 | 75.840 | 68.190 | 62.080 | 46.980 |
| 1.5720 | 71.250 | 76.370 | 66.930 | 60.930 | 48.490 |
| 1.5760 | 71.920 | 77.850 | 67.500 | 61.650 | 46.670 |
| 1.5800 | 72.200 | 77.270 | 67.520 | 61.430 | 46.600 |
| 1.5840 | 71.860 | 76.170 | 66.940 | 61.130 | 47.680 |

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|--------|--------|--------|--------|--------|--------|
| 1.5880 | 72.800 | 76.140 | 67.300 | 62.950 | 47.390 |
| 1.5920 | 72.960 | 76.850 | 68.270 | 62.940 | 47.960 |
| 1.5960 | 71.770 | 76.810 | 67.850 | 63.970 | 48.400 |
| 1.6000 | 72.210 | 76.890 | 68.480 | 63.540 | 48.520 |
| 1.6040 | 72.440 | 76.380 | 68.280 | 63.020 | 47.600 |
| 1.6080 | 71.450 | 76.350 | 67.840 | 62.430 | 47.360 |
| 1.6120 | 71.790 | 77.350 | 68.240 | 64.130 | 47.200 |
| 1.6160 | 72.610 | 77.010 | 67.320 | 63.950 | 50.610 |
| 1.6200 | 73.030 | 77.410 | 68.340 | 64.120 | 55.060 |
| 1.6240 | 73.370 | 76.860 | 67.800 | 64.350 | 51.140 |
| 1.6280 | 73.240 | 76.570 | 67.400 | 64.100 | 47.240 |
| 1.6320 | 72.450 | 76.800 | 67.550 | 64.320 | 46.870 |
| 1.6360 | 72.720 | 76.760 | 68.010 | 64.630 | 48.140 |
| 1.6400 | 72.860 | 76.710 | 67.920 | 65.210 | 46.150 |
| 1.6440 | 73.440 | 77.520 | 67.770 | 64.730 | 46.000 |
| 1.6480 | 73.350 | 77.480 | 68.560 | 64.080 | 47.380 |
| 1.6520 | 72.520 | 76.530 | 68.600 | 64.780 | 47.300 |
| 1.6560 | 72.330 | 76.840 | 68.890 | 65.850 | 47.380 |
| 1.6600 | 72.820 | 77.340 | 69.490 | 65.920 | 47.930 |
| 1.6640 | 73.370 | 77.680 | 68.410 | 64.820 | 47.820 |
| 1.6680 | 73.220 | 77.580 | 68.370 | 64.900 | 47.380 |
| 1.6720 | 72.530 | 77.460 | 68.470 | 64.750 | 47.530 |
| 1.6760 | 72.650 | 76.980 | 68.840 | 65.150 | 47.570 |
| 1.6800 | 72.980 | 77.560 | 68.690 | 65.800 | 47.930 |
| 1.6840 | 71.950 | 77.630 | 67.940 | 65.190 | 47.230 |
| 1.6880 | 72.310 | 77.080 | 68.010 | 64.550 | 47.410 |
| 1.6920 | 72.820 | 78.260 | 68.240 | 64.450 | 48.180 |
| 1.6960 | 73.410 | 77.550 | 68.400 | 64.850 | 47.430 |
| 1.7000 | 73.530 | 77.000 | 68.650 | 64.840 | 46.490 |
| 1.7040 | 73.220 | 77.220 | 68.730 | 63.870 | 47.950 |
| 1.7080 | 73.260 | 78.150 | 68.740 | 64.020 | 46.670 |
| 1.7120 | 73.540 | 77.340 | 69.050 | 64.320 | 46.900 |
| 1.7160 | 74.140 | 77.620 | 69.720 | 64.890 | 47.410 |
| 1.7200 | 74.130 | 77.900 | 68.950 | 65.320 | 47.700 |
| 1.7240 | 73.960 | 76.730 | 69.360 | 64.580 | 45.810 |
| 1.7280 | 73.110 | 79.390 | 69.870 | 64.290 | 46.230 |
| 1.7320 | 74.320 | 78.910 | 68.910 | 64.710 | 47.350 |
| 1.7360 | 73.570 | 80.060 | 69.030 | 64.440 | 47.160 |
| 1.7400 | 73.140 | 78.610 | 69.000 | 64.860 | 48.060 |
| 1.7440 | 73.290 | 79.420 | 70.140 | 64.760 | 48.210 |
| 1.7480 | 73.580 | 79.610 | 69.740 | 64.370 | 47.340 |
| 1.7520 | 73.990 | 79.430 | 69.410 | 64.530 | 46.570 |
| 1.7560 | 74.060 | 79.560 | 69.630 | 64.580 | 46.790 |
| 1.7600 | 73.760 | 79.540 | 69.060 | 64.390 | 47.530 |
| 1.7640 | 74.020 | 79.040 | 69.400 | 63.860 | 46.960 |
| 1.7680 | 73.300 | 78.080 | 70.110 | 64.360 | 46.890 |
| 1.7720 | 74.020 | 79.270 | 70.050 | 64.340 | 47.240 |
| 1.7760 | 73.570 | 79.280 | 69.560 | 63.710 | 46.950 |
| 1.7800 | 73.690 | 78.160 | 68.950 | 64.630 | 47.060 |
| 1.7840 | 73.740 | 79.200 | 68.840 | 64.670 | 46.750 |
| 1.7880 | 73.520 | 79.190 | 69.020 | 63.830 | 46.900 |
| 1.7920 | 74.080 | 78.940 | 69.480 | 64.170 | 46.760 |
| 1.7960 | 73.910 | 56.820 | 69.560 | 64.230 | 46.840 |
| 1.8000 | 74.180 | 76.090 | 69.930 | 64.450 | 47.850 |
| 1.8040 | 73.960 | 79.530 | 69.600 | 64.160 | 47.470 |
| 1.8080 | 72.930 | 80.080 | 70.150 | 63.860 | 47.080 |
| 1.8120 | 73.020 | 79.860 | 69.770 | 63.890 | 47.460 |

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|--------|--------|--------|--------|--------|--------|
| 1.8160 | 73.610 | 79.520 | 70.090 | 64.250 | 47.160 |
| 1.8200 | 74.230 | 79.810 | 70.310 | 65.050 | 46.980 |
| 1.8240 | 75.050 | 80.270 | 69.750 | 65.520 | 47.980 |
| 1.8280 | 74.870 | 79.600 | 69.750 | 64.670 | 47.440 |
| 1.8320 | 75.560 | 80.160 | 69.900 | 64.520 | 46.980 |
| 1.8360 | 75.440 | 80.570 | 71.550 | 64.060 | 48.510 |
| 1.8400 | 74.800 | 80.930 | 70.550 | 64.120 | 47.740 |
| 1.8440 | 75.460 | 81.950 | 70.280 | 63.790 | 47.450 |
| 1.8480 | 75.330 | 82.410 | 70.640 | 63.610 | 47.230 |
| 1.8520 | 75.670 | 81.790 | 70.350 | 63.680 | 47.120 |
| 1.8560 | 76.150 | 82.120 | 69.080 | 63.270 | 51.240 |
| 1.8600 | 74.590 | 82.400 | 71.090 | 63.220 | 51.000 |
| 1.8640 | 75.270 | 81.470 | 71.050 | 63.630 | 47.920 |
| 1.8680 | 75.990 | 80.850 | 70.600 | 63.180 | 48.260 |
| 1.8720 | 75.570 | 81.160 | 71.540 | 63.670 | 46.340 |
| 1.8760 | 75.580 | 82.500 | 71.300 | 64.150 | 46.520 |
| 1.8800 | 76.590 | 82.210 | 69.730 | 63.990 | 46.740 |
| 1.8840 | 75.870 | 81.500 | 70.140 | 64.300 | 46.880 |
| 1.8880 | 76.070 | 81.810 | 70.180 | 64.360 | 47.100 |
| 1.8920 | 75.990 | 81.930 | 69.180 | 64.400 | 47.500 |
| 1.8960 | 76.260 | 81.690 | 69.520 | 63.760 | 47.210 |
| 1.9000 | 76.300 | 82.140 | 69.510 | 64.210 | 46.890 |
| 1.9040 | 75.430 | 82.590 | 69.920 | 63.980 | 47.060 |
| 1.9080 | 76.020 | 82.370 | 69.730 | 64.460 | 46.720 |
| 1.9120 | 76.350 | 83.370 | 70.160 | 64.000 | 46.800 |
| 1.9160 | 75.570 | 83.670 | 70.780 | 63.260 | 46.920 |
| 1.9200 | 76.060 | 83.540 | 71.210 | 63.750 | 47.570 |
| 1.9240 | 76.460 | 83.590 | 70.160 | 63.400 | 47.770 |
| 1.9280 | 75.970 | 83.890 | 70.120 | 62.720 | 47.330 |
| 1.9320 | 76.830 | 83.870 | 70.390 | 62.600 | 47.100 |
| 1.9360 | 77.280 | 83.330 | 70.850 | 63.220 | 46.560 |
| 1.9400 | 77.160 | 84.600 | 70.760 | 63.600 | 46.250 |
| 1.9440 | 76.820 | 85.230 | 70.820 | 63.180 | 46.670 |
| 1.9480 | 77.400 | 84.490 | 69.910 | 64.270 | 47.030 |
| 1.9520 | 78.240 | 85.320 | 70.050 | 64.420 | 47.420 |
| 1.9560 | 77.550 | 85.300 | 69.260 | 62.420 | 47.140 |
| 1.9600 | 78.020 | 86.120 | 69.330 | 62.420 | 48.000 |
| 1.9640 | 77.880 | 87.040 | 68.730 | 62.810 | 47.980 |
| 1.9680 | 78.000 | 87.180 | 69.780 | 63.180 | 47.140 |
| 1.9720 | 78.420 | 87.900 | 69.690 | 62.410 | 46.880 |
| 1.9760 | 77.710 | 88.830 | 68.500 | 61.820 | 46.640 |
| 1.9800 | 78.640 | 89.580 | 68.480 | 61.970 | 46.420 |
| 1.9840 | 80.230 | 90.690 | 68.350 | 62.310 | 45.980 |
| 1.9880 | 81.330 | 92.080 | 68.280 | 62.080 | 46.720 |
| 1.9920 | 82.010 | 92.960 | 68.060 | 62.850 | 47.400 |
| 1.9960 | 125.16 | 147.84 | 68.030 | 62.620 | 47.040 |
| 2.0000 | 131.20 | 153.89 | 68.550 | 61.690 | 46.900 |
| 2.0040 | 125.20 | 147.90 | 67.530 | 60.930 | 47.100 |
| 2.0080 | 80.440 | 93.420 | 66.710 | 61.170 | 46.810 |
| 2.0120 | 79.680 | 92.990 | 66.650 | 61.420 | 47.350 |
| 2.0160 | 78.350 | 90.260 | 67.280 | 61.380 | 46.270 |
| 2.0200 | 76.200 | 90.670 | 67.120 | 61.100 | 46.970 |
| 2.0240 | 74.810 | 90.390 | 66.720 | 60.860 | 47.740 |
| 2.0280 | 74.480 | 89.940 | 66.040 | 61.220 | 47.000 |
| 2.0320 | 73.870 | 89.380 | 65.980 | 60.850 | 47.010 |
| 2.0360 | 74.530 | 88.800 | 66.480 | 60.370 | 45.030 |
| 2.0400 | 73.650 | 88.370 | 66.260 | 60.640 | 46.300 |

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|--------|--------|--------|--------|--------|--------|
| 2.0440 | 72.840 | 88.050 | 64.890 | 60.900 | 46.990 |
| 2.0480 | 72.790 | 87.190 | 64.340 | 60.740 | 46.840 |
| 2.0520 | 71.960 | 85.950 | 65.060 | 60.410 | 47.480 |
| 2.0560 | 71.800 | 86.230 | 65.750 | 60.460 | 47.060 |
| 2.0600 | 72.470 | 85.980 | 65.810 | 61.380 | 47.160 |
| 2.0640 | 72.900 | 85.790 | 65.670 | 60.440 | 47.390 |
| 2.0680 | 73.300 | 85.200 | 66.600 | 60.420 | 46.470 |
| 2.0720 | 73.080 | 84.170 | 66.700 | 60.700 | 47.630 |
| 2.0760 | 73.460 | 83.300 | 67.550 | 60.140 | 47.360 |
| 2.0800 | 73.830 | 83.560 | 67.230 | 59.650 | 46.340 |
| 2.0840 | 72.830 | 83.240 | 66.870 | 61.050 | 47.060 |
| 2.0880 | 73.350 | 83.010 | 66.570 | 60.710 | 46.530 |
| 2.0920 | 73.100 | 82.860 | 66.540 | 59.850 | 46.720 |
| 2.0960 | 73.600 | 82.690 | 67.280 | 60.610 | 47.440 |
| 2.1000 | 73.750 | 81.870 | 67.950 | 61.280 | 47.550 |
| 2.1040 | 73.500 | 81.760 | 67.730 | 61.860 | 47.990 |
| 2.1080 | 74.430 | 82.830 | 68.050 | 62.240 | 47.490 |
| 2.1120 | 74.520 | 82.750 | 68.190 | 61.600 | 46.910 |
| 2.1160 | 74.030 | 82.600 | 67.690 | 61.300 | 47.060 |
| 2.1200 | 73.920 | 82.610 | 68.940 | 61.980 | 47.030 |
| 2.1240 | 73.900 | 82.110 | 69.650 | 62.240 | 46.760 |
| 2.1280 | 73.590 | 81.190 | 70.060 | 61.440 | 46.450 |
| 2.1320 | 74.410 | 81.550 | 69.800 | 61.370 | 45.850 |
| 2.1360 | 74.170 | 81.810 | 69.510 | 61.950 | 46.900 |
| 2.1400 | 75.040 | 79.090 | 68.940 | 61.630 | 47.210 |
| 2.1440 | 74.660 | 81.280 | 69.930 | 62.430 | 46.840 |
| 2.1480 | 74.440 | 79.000 | 69.840 | 61.350 | 46.990 |
| 2.1520 | 75.280 | 83.040 | 68.800 | 61.810 | 47.140 |
| 2.1560 | 75.180 | 84.130 | 69.350 | 61.390 | 47.420 |
| 2.1600 | 74.690 | 81.810 | 69.610 | 61.090 | 47.580 |
| 2.1640 | 75.320 | 81.580 | 69.910 | 62.240 | 47.130 |
| 2.1680 | 74.590 | 81.610 | 70.370 | 61.910 | 47.560 |
| 2.1720 | 73.920 | 81.670 | 69.850 | 62.780 | 47.490 |
| 2.1760 | 73.810 | 81.660 | 70.170 | 63.750 | 47.360 |
| 2.1800 | 74.840 | 81.380 | 70.620 | 63.570 | 48.180 |
| 2.1840 | 74.440 | 81.570 | 70.780 | 62.740 | 47.280 |
| 2.1880 | 74.500 | 82.270 | 71.000 | 62.540 | 47.330 |
| 2.1920 | 75.050 | 82.060 | 71.020 | 62.350 | 47.180 |
| 2.1960 | 75.010 | 81.620 | 71.400 | 61.660 | 46.450 |
| 2.2000 | 74.990 | 81.390 | 71.150 | 61.670 | 47.340 |
| 2.2040 | 75.160 | 81.440 | 71.090 | 62.450 | 47.350 |
| 2.2080 | 75.710 | 81.960 | 70.950 | 62.070 | 46.070 |
| 2.2120 | 76.170 | 77.260 | 70.960 | 62.490 | 46.610 |
| 2.2160 | 75.960 | 84.000 | 71.970 | 62.540 | 45.890 |
| 2.2200 | 76.120 | 81.450 | 71.460 | 62.940 | 47.920 |
| 2.2240 | 76.290 | 81.700 | 71.750 | 62.590 | 47.570 |
| 2.2280 | 75.700 | 82.620 | 71.730 | 62.100 | 47.380 |
| 2.2320 | 75.450 | 82.240 | 71.120 | 63.290 | 47.000 |
| 2.2360 | 76.850 | 73.940 | 71.950 | 63.370 | 46.430 |
| 2.2400 | 76.900 | 82.010 | 72.180 | 63.330 | 47.610 |
| 2.2440 | 77.090 | 82.050 | 72.320 | 62.590 | 47.910 |
| 2.2480 | 76.360 | 83.180 | 72.960 | 62.960 | 47.450 |
| 2.2520 | 75.910 | 82.440 | 72.860 | 63.510 | 48.320 |
| 2.2560 | 76.790 | 82.110 | 72.420 | 63.400 | 47.560 |
| 2.2600 | 77.150 | 81.460 | 72.410 | 63.890 | 46.560 |
| 2.2640 | 77.700 | 82.640 | 72.030 | 62.940 | 46.870 |
| 2.2680 | 78.170 | 79.200 | 71.970 | 62.450 | 46.870 |

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|--------|--------|--------|--------|--------|--------|
| 2.2720 | 78.750 | 78.510 | 73.550 | 64.300 | 46.920 |
| 2.2760 | 78.990 | 82.020 | 73.960 | 64.930 | 46.160 |
| 2.2800 | 78.500 | 82.010 | 73.590 | 65.590 | 46.680 |
| 2.2840 | 79.120 | 82.360 | 72.950 | 65.750 | 48.090 |
| 2.2880 | 78.060 | 82.110 | 72.500 | 65.040 | 47.760 |
| 2.2920 | 77.100 | 82.270 | 72.710 | 64.010 | 47.930 |
| 2.2960 | 78.360 | 82.210 | 73.880 | 64.130 | 47.940 |
| 2.3000 | 79.240 | 81.670 | 74.210 | 65.000 | 46.440 |
| 2.3040 | 78.720 | 82.380 | 73.030 | 65.540 | 46.450 |
| 2.3080 | 79.060 | 82.460 | 72.840 | 66.550 | 48.030 |
| 2.3120 | 78.160 | 81.380 | 72.850 | 65.710 | 46.050 |
| 2.3160 | 77.500 | 81.360 | 73.650 | 65.130 | 46.900 |
| 2.3200 | 77.460 | 80.210 | 73.940 | 65.830 | 47.310 |
| 2.3240 | 76.250 | 80.000 | 73.040 | 66.310 | 47.470 |
| 2.3280 | 75.660 | 80.180 | 71.810 | 65.580 | 47.040 |
| 2.3320 | 75.030 | 79.830 | 71.400 | 65.670 | 47.450 |
| 2.3360 | 75.240 | 79.610 | 70.670 | 65.830 | 47.360 |
| 2.3400 | 74.860 | 79.040 | 71.090 | 65.250 | 48.980 |
| 2.3440 | 72.590 | 78.310 | 70.180 | 63.900 | 48.380 |
| 2.3480 | 72.030 | 76.970 | 68.440 | 63.710 | 47.580 |
| 2.3520 | 71.640 | 77.000 | 67.120 | 62.710 | 48.110 |
| 2.3560 | 71.050 | 76.310 | 67.590 | 61.550 | 47.660 |
| 2.3600 | 69.830 | 75.230 | 65.990 | 60.770 | 47.600 |
| 2.3640 | 68.960 | 75.300 | 64.810 | 59.850 | 47.270 |
| 2.3680 | 68.810 | 74.620 | 64.740 | 59.120 | 47.460 |
| 2.3720 | 68.070 | 73.510 | 64.160 | 58.660 | 46.960 |
| 2.3760 | 67.220 | 73.650 | 63.450 | 57.400 | 47.070 |
| 2.3800 | 66.520 | 74.540 | 63.150 | 57.580 | 46.940 |
| 2.3840 | 65.480 | 74.120 | 62.550 | 56.940 | 46.800 |
| 2.3880 | 65.230 | 73.240 | 61.860 | 54.850 | 47.060 |
| 2.3920 | 66.460 | 73.090 | 61.760 | 55.070 | 46.740 |
| 2.3960 | 66.270 | 72.780 | 61.970 | 55.510 | 46.980 |
| 2.4000 | 65.670 | 72.520 | 62.430 | 55.690 | 46.730 |
| 2.4040 | 66.040 | 72.210 | 63.040 | 55.640 | 47.520 |
| 2.4080 | 66.080 | 72.420 | 63.980 | 55.510 | 46.530 |
| 2.4120 | 66.730 | 71.980 | 64.150 | 55.090 | 47.130 |
| 2.4160 | 67.150 | 72.580 | 64.220 | 55.050 | 47.770 |
| 2.4200 | 67.960 | 71.980 | 63.910 | 55.570 | 47.410 |
| 2.4240 | 67.440 | 72.930 | 65.040 | 56.320 | 47.200 |
| 2.4280 | 66.960 | 72.110 | 65.840 | 56.780 | 46.890 |
| 2.4320 | 67.180 | 71.290 | 65.790 | 56.830 | 46.940 |
| 2.4360 | 67.990 | 72.470 | 65.350 | 57.970 | 48.070 |
| 2.4400 | 68.470 | 73.210 | 66.140 | 57.540 | 48.210 |
| 2.4440 | 67.220 | 73.860 | 66.310 | 58.250 | 47.370 |
| 2.4480 | 68.320 | 73.570 | 67.440 | 57.130 | 48.110 |
| 2.4520 | 68.690 | 72.270 | 67.310 | 57.740 | 48.480 |
| 2.4560 | 68.920 | 73.960 | 67.500 | 57.900 | 47.890 |
| 2.4600 | 69.020 | 74.560 | 68.710 | 57.800 | 47.880 |
| 2.4640 | 68.470 | 74.550 | 68.620 | 58.880 | 46.690 |
| 2.4680 | 69.170 | 73.630 | 67.860 | 58.840 | 46.850 |
| 2.4720 | 69.450 | 74.180 | 68.480 | 58.520 | 47.090 |
| 2.4760 | 69.890 | 75.110 | 68.780 | 59.200 | 47.630 |
| 2.4800 | 69.530 | 78.070 | 68.560 | 59.240 | 48.310 |
| 2.4840 | 70.310 | 76.920 | 69.010 | 59.140 | 48.380 |
| 2.4880 | 71.500 | 75.350 | 69.140 | 59.010 | 47.800 |
| 2.4920 | 71.660 | 75.090 | 69.160 | 59.540 | 46.580 |
| 2.4960 | 71.750 | 75.530 | 69.650 | 59.930 | 47.110 |

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|--------|--------|--------|--------|--------|--------|
| 2.5000 | 71.710 | 75.690 | 69.770 | 60.060 | 47.020 |
| 2.5040 | 71.300 | 75.290 | 70.070 | 59.280 | 47.090 |
| 2.5080 | 72.040 | 76.250 | 70.210 | 60.140 | 47.300 |
| 2.5120 | 72.180 | 77.270 | 69.970 | 60.590 | 46.710 |
| 2.5160 | 72.540 | 76.890 | 69.620 | 60.580 | 46.770 |
| 2.5200 | 72.660 | 76.860 | 70.260 | 59.730 | 47.520 |
| 2.5240 | 72.730 | 76.880 | 70.920 | 60.130 | 47.880 |
| 2.5280 | 71.660 | 76.940 | 70.780 | 59.930 | 47.800 |
| 2.5320 | 73.050 | 77.060 | 71.230 | 60.870 | 47.280 |
| 2.5360 | 74.020 | 76.630 | 69.930 | 61.790 | 47.030 |
| 2.5400 | 74.090 | 78.310 | 74.000 | 61.080 | 47.670 |
| 2.5440 | 74.380 | 79.140 | 69.180 | 61.790 | 47.100 |
| 2.5480 | 74.200 | 77.960 | 71.340 | 62.250 | 46.690 |
| 2.5520 | 74.730 | 77.810 | 71.530 | 61.840 | 47.220 |
| 2.5560 | 74.920 | 78.490 | 71.560 | 62.130 | 47.270 |
| 2.5600 | 75.140 | 78.480 | 72.830 | 61.610 | 47.680 |
| 2.5640 | 74.410 | 79.400 | 73.050 | 62.480 | 48.120 |
| 2.5680 | 74.810 | 80.140 | 73.020 | 63.270 | 46.610 |
| 2.5720 | 75.310 | 79.690 | 72.630 | 63.050 | 47.730 |
| 2.5760 | 74.730 | 80.320 | 72.970 | 63.540 | 46.720 |
| 2.5800 | 75.880 | 80.660 | 73.730 | 63.890 | 46.970 |
| 2.5840 | 76.900 | 81.070 | 73.270 | 63.070 | 46.920 |
| 2.5880 | 76.830 | 81.130 | 74.000 | 62.690 | 47.070 |
| 2.5920 | 76.740 | 80.610 | 74.470 | 64.410 | 47.280 |
| 2.5960 | 77.340 | 81.170 | 73.810 | 63.750 | 47.710 |
| 2.6000 | 77.670 | 81.350 | 73.520 | 64.160 | 47.600 |
| 2.6040 | 78.130 | 81.820 | 73.930 | 65.220 | 47.760 |
| 2.6080 | 78.510 | 81.690 | 75.440 | 64.520 | 48.090 |
| 2.6120 | 78.270 | 81.080 | 76.600 | 65.200 | 48.020 |
| 2.6160 | 79.120 | 82.000 | 76.800 | 65.140 | 47.360 |
| 2.6200 | 79.620 | 81.980 | 76.030 | 65.670 | 47.410 |
| 2.6240 | 79.630 | 82.020 | 75.850 | 65.640 | 46.450 |
| 2.6280 | 79.060 | 83.270 | 76.160 | 66.220 | 47.100 |
| 2.6320 | 79.330 | 83.130 | 76.940 | 66.370 | 47.850 |
| 2.6360 | 78.760 | 83.340 | 77.140 | 66.970 | 48.090 |
| 2.6400 | 78.980 | 82.460 | 76.330 | 66.890 | 48.010 |
| 2.6440 | 79.420 | 82.360 | 76.870 | 67.060 | 47.690 |
| 2.6480 | 79.430 | 81.010 | 76.700 | 67.380 | 47.040 |
| 2.6520 | 77.960 | 80.920 | 76.670 | 66.830 | 46.120 |
| 2.6560 | 77.190 | 80.640 | 77.240 | 66.940 | 46.370 |
| 2.6600 | 76.170 | 80.750 | 76.430 | 67.830 | 46.450 |
| 2.6640 | 75.940 | 80.600 | 75.840 | 67.960 | 46.890 |
| 2.6680 | 76.730 | 79.410 | 75.450 | 67.530 | 48.300 |
| 2.6720 | 75.640 | 79.920 | 75.080 | 66.420 | 47.910 |
| 2.6760 | 73.810 | 79.970 | 74.250 | 65.590 | 47.030 |
| 2.6800 | 74.160 | 79.210 | 72.820 | 64.270 | 47.510 |
| 2.6840 | 73.290 | 79.630 | 73.420 | 63.050 | 47.390 |
| 2.6880 | 71.400 | 78.640 | 72.370 | 62.990 | 49.400 |
| 2.6920 | 71.640 | 76.960 | 70.600 | 62.290 | 49.120 |
| 2.6960 | 70.150 | 76.690 | 69.430 | 61.790 | 48.180 |
| 2.7000 | 69.260 | 76.230 | 67.770 | 62.060 | 50.280 |
| 2.7040 | 68.530 | 74.920 | 68.420 | 60.850 | 48.130 |
| 2.7080 | 67.410 | 75.430 | 68.740 | 59.230 | 46.870 |
| 2.7120 | 67.990 | 74.080 | 67.670 | 57.790 | 46.360 |
| 2.7160 | 67.800 | 73.260 | 66.580 | 57.470 | 47.430 |
| 2.7200 | 65.810 | 72.830 | 64.720 | 57.510 | 47.550 |
| 2.7240 | 65.780 | 72.580 | 63.640 | 55.730 | 47.840 |

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|--------|--------|--------|--------|--------|--------|
| 2.7280 | 65.160 | 72.120 | 63.930 | 55.340 | 47.250 |
| 2.7320 | 65.970 | 71.970 | 62.700 | 55.400 | 46.400 |
| 2.7360 | 65.470 | 71.250 | 61.340 | 54.550 | 45.100 |
| 2.7400 | 65.070 | 70.060 | 61.300 | 53.010 | 48.410 |
| 2.7440 | 65.810 | 70.750 | 60.880 | 53.070 | 48.310 |
| 2.7480 | 65.740 | 70.300 | 61.170 | 53.660 | 46.840 |
| 2.7520 | 65.030 | 69.220 | 61.870 | 52.010 | 46.810 |
| 2.7560 | 65.140 | 68.830 | 62.230 | 52.350 | 48.250 |
| 2.7600 | 65.420 | 68.800 | 62.800 | 52.410 | 47.690 |
| 2.7640 | 65.310 | 69.570 | 62.110 | 52.670 | 46.350 |
| 2.7680 | 65.500 | 69.100 | 62.360 | 54.290 | 47.490 |
| 2.7720 | 65.270 | 69.130 | 62.930 | 54.670 | 47.830 |
| 2.7760 | 65.380 | 69.140 | 63.520 | 54.010 | 47.720 |
| 2.7800 | 65.560 | 69.660 | 64.330 | 54.880 | 46.820 |
| 2.7840 | 65.440 | 69.730 | 64.500 | 55.190 | 47.410 |
| 2.7880 | 66.540 | 69.820 | 64.750 | 55.080 | 47.580 |
| 2.7920 | 67.310 | 71.590 | 65.760 | 55.700 | 43.030 |
| 2.7960 | 68.180 | 70.930 | 66.210 | 55.930 | 47.070 |
| 2.8000 | 68.090 | 71.840 | 66.320 | 56.430 | 46.980 |
| 2.8040 | 67.300 | 72.560 | 66.650 | 56.870 | 46.320 |
| 2.8080 | 67.590 | 73.050 | 66.460 | 56.690 | 47.140 |
| 2.8120 | 68.340 | 73.850 | 67.200 | 56.550 | 47.350 |
| 2.8160 | 68.580 | 73.810 | 67.950 | 56.240 | 46.430 |
| 2.8200 | 69.020 | 73.560 | 68.190 | 57.270 | 48.020 |
| 2.8240 | 70.260 | 74.190 | 68.250 | 57.290 | 48.170 |
| 2.8280 | 69.940 | 74.790 | 68.680 | 57.370 | 47.930 |
| 2.8320 | 69.900 | 74.000 | 69.340 | 57.680 | 47.640 |
| 2.8360 | 71.280 | 74.110 | 69.320 | 58.250 | 47.690 |
| 2.8400 | 70.940 | 75.070 | 70.300 | 58.250 | 47.780 |
| 2.8440 | 71.290 | 74.840 | 70.340 | 58.920 | 47.390 |
| 2.8480 | 71.520 | 75.230 | 70.760 | 58.890 | 48.100 |
| 2.8520 | 71.880 | 76.300 | 70.460 | 59.310 | 47.710 |
| 2.8560 | 72.000 | 76.290 | 70.920 | 59.860 | 47.540 |
| 2.8600 | 71.920 | 75.620 | 71.770 | 59.910 | 47.150 |
| 2.8640 | 73.400 | 75.430 | 71.700 | 60.130 | 47.330 |
| 2.8680 | 73.510 | 76.130 | 71.440 | 60.670 | 46.680 |
| 2.8720 | 73.380 | 76.230 | 72.100 | 61.640 | 47.480 |
| 2.8760 | 73.660 | 77.310 | 72.540 | 61.100 | 47.680 |
| 2.8800 | 74.310 | 77.810 | 73.040 | 61.300 | 49.540 |
| 2.8840 | 74.500 | 76.680 | 73.480 | 61.470 | 47.070 |
| 2.8880 | 74.650 | 76.770 | 72.910 | 61.130 | 46.860 |
| 2.8920 | 74.490 | 78.450 | 72.790 | 60.860 | 46.730 |
| 2.8960 | 75.030 | 78.980 | 73.480 | 61.160 | 47.260 |
| 2.9000 | 76.210 | 79.490 | 74.050 | 62.560 | 47.760 |
| 2.9040 | 76.440 | 78.900 | 74.570 | 62.450 | 47.080 |
| 2.9080 | 75.740 | 78.020 | 74.930 | 62.610 | 46.840 |
| 2.9120 | 76.070 | 79.540 | 74.660 | 63.660 | 47.160 |
| 2.9160 | 76.970 | 80.220 | 74.230 | 63.510 | 46.650 |
| 2.9200 | 76.520 | 80.420 | 75.710 | 63.880 | 46.750 |
| 2.9240 | 77.100 | 80.380 | 75.990 | 64.260 | 47.050 |
| 2.9280 | 77.230 | 80.870 | 75.990 | 64.070 | 46.760 |
| 2.9320 | 78.050 | 80.720 | 75.720 | 64.140 | 46.800 |
| 2.9360 | 78.380 | 81.870 | 76.440 | 65.440 | 48.170 |
| 2.9400 | 78.080 | 82.030 | 78.300 | 66.110 | 53.200 |
| 2.9440 | 78.210 | 81.350 | 77.830 | 65.820 | 48.620 |
| 2.9480 | 77.580 | 81.460 | 78.140 | 65.970 | 47.530 |
| 2.9520 | 77.230 | 81.750 | 77.420 | 65.100 | 46.000 |

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|--------|--------|--------|--------|--------|--------|
| 2.9560 | 77.450 | 82.870 | 77.790 | 65.870 | 45.760 |
| 2.9600 | 77.360 | 82.930 | 77.130 | 66.110 | 47.780 |
| 2.9640 | 76.530 | 82.570 | 77.440 | 66.010 | 45.470 |
| 2.9680 | 77.070 | 82.400 | 77.400 | 65.520 | 47.250 |
| 2.9720 | 77.540 | 82.330 | 77.000 | 65.120 | 47.100 |
| 2.9760 | 76.930 | 80.470 | 77.330 | 66.090 | 47.270 |
| 2.9800 | 76.430 | 79.900 | 77.600 | 66.100 | 47.940 |
| 2.9840 | 76.210 | 79.650 | 78.560 | 65.550 | 47.950 |
| 2.9880 | 77.090 | 80.310 | 80.410 | 65.070 | 47.480 |
| 2.9920 | 76.210 | 80.110 | 90.470 | 63.720 | 48.000 |
| 2.9960 | 111.86 | 79.900 | 148.53 | 63.370 | 47.490 |
| 3.0000 | 117.91 | 78.990 | 154.60 | 63.720 | 47.160 |
| 3.0040 | 111.92 | 78.010 | 148.62 | 62.980 | 47.110 |
| 3.0080 | 76.810 | 77.600 | 90.620 | 62.030 | 48.000 |
| 3.0120 | 75.630 | 77.080 | 80.130 | 61.510 | 47.490 |
| 3.0160 | 73.910 | 76.110 | 75.330 | 60.270 | 45.890 |
| 3.0200 | 72.160 | 75.620 | 73.140 | 60.200 | 47.380 |
| 3.0240 | 71.790 | 74.920 | 72.750 | 60.230 | 47.700 |
| 3.0280 | 71.100 | 74.690 | 71.050 | 58.760 | 47.900 |
| 3.0320 | 69.610 | 74.800 | 71.170 | 57.980 | 47.250 |
| 3.0360 | 70.170 | 73.550 | 71.060 | 57.710 | 47.140 |
| 3.0400 | 69.560 | 72.630 | 69.110 | 57.440 | 47.500 |
| 3.0440 | 69.220 | 72.470 | 68.250 | 56.470 | 46.870 |
| 3.0480 | 69.190 | 72.510 | 67.270 | 56.110 | 46.250 |
| 3.0520 | 68.990 | 72.130 | 67.500 | 55.860 | 47.480 |
| 3.0560 | 69.080 | 70.500 | 67.230 | 55.640 | 47.800 |
| 3.0600 | 68.170 | 70.140 | 66.920 | 54.970 | 50.490 |
| 3.0640 | 68.120 | 71.070 | 67.040 | 54.040 | 49.050 |
| 3.0680 | 68.140 | 70.530 | 66.630 | 54.690 | 48.070 |
| 3.0720 | 67.990 | 70.470 | 64.940 | 54.840 | 47.180 |
| 3.0760 | 67.420 | 71.280 | 65.450 | 55.050 | 47.680 |
| 3.0800 | 68.050 | 72.040 | 65.820 | 55.250 | 47.460 |
| 3.0840 | 67.800 | 71.750 | 66.640 | 54.730 | 46.690 |
| 3.0880 | 67.800 | 72.020 | 66.630 | 54.600 | 48.120 |
| 3.0920 | 68.260 | 72.310 | 66.730 | 54.860 | 47.710 |
| 3.0960 | 69.780 | 72.830 | 66.190 | 56.350 | 46.530 |
| 3.1000 | 70.020 | 71.840 | 66.600 | 60.300 | 46.310 |
| 3.1040 | 69.980 | 71.490 | 67.650 | 58.560 | 47.470 |
| 3.1080 | 70.860 | 71.270 | 68.000 | 55.530 | 47.620 |
| 3.1120 | 70.900 | 72.350 | 67.900 | 56.090 | 47.570 |
| 3.1160 | 69.870 | 72.750 | 68.580 | 55.780 | 47.700 |
| 3.1200 | 71.240 | 73.170 | 69.500 | 56.460 | 47.230 |
| 3.1240 | 71.140 | 73.240 | 69.530 | 57.460 | 48.030 |
| 3.1280 | 70.580 | 73.840 | 69.680 | 56.910 | 48.080 |
| 3.1320 | 71.240 | 73.630 | 70.510 | 56.510 | 47.650 |
| 3.1360 | 71.730 | 73.130 | 70.590 | 57.440 | 46.830 |
| 3.1400 | 72.330 | 74.110 | 70.410 | 58.630 | 46.090 |
| 3.1440 | 73.050 | 74.440 | 71.120 | 58.590 | 46.440 |
| 3.1480 | 72.740 | 74.200 | 70.920 | 58.250 | 46.910 |
| 3.1520 | 72.440 | 74.380 | 71.590 | 59.510 | 47.060 |
| 3.1560 | 71.990 | 76.100 | 72.790 | 60.350 | 47.640 |
| 3.1600 | 72.840 | 76.720 | 72.580 | 60.580 | 48.080 |
| 3.1640 | 73.690 | 76.830 | 72.370 | 60.230 | 48.260 |
| 3.1680 | 73.810 | 77.600 | 73.460 | 59.940 | 46.180 |
| 3.1720 | 73.600 | 77.880 | 73.310 | 60.530 | 46.990 |
| 3.1760 | 73.530 | 78.160 | 73.770 | 62.120 | 47.770 |
| 3.1800 | 74.670 | 77.120 | 73.900 | 61.770 | 48.970 |

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|--------|--------|--------|--------|--------|--------|
| 3.1840 | 75.130 | 76.930 | 73.070 | 61.760 | 46.910 |
| 3.1880 | 76.020 | 76.990 | 74.340 | 61.980 | 47.050 |
| 3.1920 | 75.720 | 78.050 | 74.270 | 61.760 | 48.850 |
| 3.1960 | 75.290 | 79.020 | 74.990 | 61.710 | 48.360 |
| 3.2000 | 75.520 | 79.090 | 75.480 | 61.770 | 47.890 |
| 3.2040 | 75.810 | 78.440 | 75.130 | 61.970 | 47.620 |
| 3.2080 | 75.970 | 78.420 | 75.200 | 62.780 | 47.340 |
| 3.2120 | 75.110 | 78.910 | 75.050 | 63.250 | 47.370 |
| 3.2160 | 75.050 | 79.350 | 74.260 | 63.200 | 47.210 |
| 3.2200 | 73.830 | 79.650 | 74.200 | 63.090 | 47.390 |
| 3.2240 | 74.280 | 79.280 | 73.780 | 62.720 | 47.320 |
| 3.2280 | 73.900 | 79.100 | 73.770 | 62.940 | 47.120 |
| 3.2320 | 72.620 | 78.220 | 74.090 | 62.780 | 48.200 |
| 3.2360 | 72.040 | 78.200 | 73.380 | 62.090 | 48.060 |
| 3.2400 | 72.150 | 78.550 | 72.830 | 62.600 | 48.430 |
| 3.2440 | 71.680 | 77.830 | 72.770 | 62.680 | 47.350 |
| 3.2480 | 72.220 | 78.060 | 71.450 | 62.880 | 47.960 |
| 3.2520 | 71.540 | 77.950 | 71.220 | 62.920 | 47.730 |
| 3.2560 | 70.540 | 77.560 | 71.420 | 62.720 | 47.800 |
| 3.2600 | 69.780 | 76.880 | 71.200 | 62.140 | 48.170 |
| 3.2640 | 68.520 | 76.260 | 70.410 | 61.620 | 46.310 |
| 3.2680 | 68.440 | 76.810 | 69.770 | 61.190 | 47.540 |
| 3.2720 | 67.870 | 76.420 | 69.450 | 60.840 | 46.070 |
| 3.2760 | 67.120 | 75.790 | 68.950 | 59.750 | 47.480 |
| 3.2800 | 66.910 | 74.950 | 68.110 | 59.010 | 47.760 |
| 3.2840 | 66.370 | 74.410 | 66.480 | 58.890 | 47.440 |
| 3.2880 | 65.680 | 73.550 | 65.970 | 58.230 | 48.170 |
| 3.2920 | 65.620 | 73.160 | 65.580 | 57.440 | 44.240 |
| 3.2960 | 64.660 | 73.340 | 64.430 | 56.700 | 47.520 |
| 3.3000 | 64.510 | 72.580 | 64.580 | 56.290 | 48.680 |
| 3.3040 | 65.300 | 72.190 | 64.500 | 55.720 | 48.690 |
| 3.3080 | 65.550 | 73.450 | 64.090 | 55.430 | 46.830 |
| 3.3120 | 66.000 | 72.790 | 63.880 | 54.660 | 46.650 |
| 3.3160 | 65.330 | 70.820 | 64.380 | 53.990 | 46.930 |
| 3.3200 | 65.920 | 71.750 | 63.890 | 55.310 | 46.740 |
| 3.3240 | 65.360 | 72.190 | 64.250 | 53.910 | 47.170 |
| 3.3280 | 65.720 | 72.470 | 64.240 | 52.740 | 47.200 |
| 3.3320 | 66.830 | 71.800 | 62.820 | 52.170 | 47.630 |
| 3.3360 | 66.280 | 71.380 | 62.490 | 53.060 | 47.390 |
| 3.3400 | 65.770 | 72.130 | 63.520 | 52.930 | 47.120 |
| 3.3440 | 66.430 | 72.820 | 64.780 | 52.710 | 47.490 |
| 3.3480 | 67.040 | 73.220 | 66.060 | 51.650 | 47.140 |
| 3.3520 | 67.500 | 74.220 | 65.540 | 53.290 | 47.120 |
| 3.3560 | 67.790 | 74.470 | 66.720 | 55.080 | 46.260 |
| 3.3600 | 68.980 | 73.600 | 66.970 | 55.050 | 47.340 |
| 3.3640 | 69.400 | 73.470 | 66.970 | 55.150 | 47.690 |
| 3.3680 | 68.930 | 73.890 | 68.420 | 54.890 | 47.590 |
| 3.3720 | 68.870 | 74.100 | 68.190 | 54.560 | 47.540 |
| 3.3760 | 69.460 | 74.670 | 68.110 | 55.470 | 46.830 |
| 3.3800 | 69.320 | 75.150 | 68.780 | 55.590 | 46.270 |
| 3.3840 | 70.390 | 75.760 | 69.870 | 57.340 | 46.660 |
| 3.3880 | 71.310 | 75.470 | 70.020 | 58.160 | 47.050 |
| 3.3920 | 72.030 | 75.470 | 69.700 | 59.210 | 47.070 |
| 3.3960 | 72.710 | 75.580 | 70.960 | 59.030 | 46.490 |
| 3.4000 | 73.150 | 76.600 | 70.670 | 58.750 | 47.530 |
| 3.4040 | 73.200 | 76.490 | 72.300 | 59.410 | 43.960 |
| 3.4080 | 72.780 | 74.940 | 71.960 | 59.520 | 47.040 |

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|--------|--------|--------|--------|--------|--------|
| 3.4120 | 73.700 | 75.450 | 72.840 | 59.240 | 49.250 |
| 3.4160 | 73.400 | 76.240 | 73.860 | 59.890 | 48.440 |
| 3.4200 | 73.900 | 75.880 | 74.770 | 61.620 | 48.400 |
| 3.4240 | 74.380 | 76.130 | 75.560 | 61.260 | 47.530 |
| 3.4280 | 74.730 | 76.420 | 76.320 | 61.330 | 46.580 |
| 3.4320 | 76.210 | 76.410 | 76.670 | 62.020 | 46.620 |
| 3.4360 | 77.020 | 76.720 | 76.140 | 62.950 | 47.270 |
| 3.4400 | 76.860 | 77.020 | 76.090 | 64.770 | 47.280 |
| 3.4440 | 76.730 | 76.560 | 76.440 | 64.180 | 47.270 |
| 3.4480 | 77.210 | 76.650 | 77.170 | 63.910 | 47.100 |
| 3.4520 | 76.980 | 77.830 | 77.500 | 64.850 | 47.010 |
| 3.4560 | 77.860 | 77.790 | 77.950 | 65.230 | 46.430 |
| 3.4600 | 78.090 | 77.930 | 82.710 | 65.990 | 47.060 |
| 3.4640 | 76.420 | 78.540 | 78.160 | 66.210 | 48.240 |
| 3.4680 | 76.500 | 78.960 | 76.460 | 65.340 | 48.060 |
| 3.4720 | 76.250 | 79.650 | 77.220 | 66.300 | 48.710 |
| 3.4760 | 76.230 | 79.820 | 77.960 | 67.210 | 49.220 |
| 3.4800 | 75.630 | 80.090 | 76.890 | 66.480 | 47.000 |
| 3.4840 | 75.630 | 79.500 | 76.410 | 65.820 | 47.200 |
| 3.4880 | 76.270 | 78.920 | 76.410 | 65.620 | 47.850 |
| 3.4920 | 75.140 | 78.500 | 76.200 | 65.230 | 48.170 |
| 3.4960 | 73.940 | 78.870 | 75.880 | 64.790 | 47.060 |
| 3.5000 | 74.240 | 78.850 | 75.720 | 64.530 | 46.620 |
| 3.5040 | 73.250 | 78.480 | 74.910 | 63.420 | 47.920 |
| 3.5080 | 73.390 | 77.950 | 73.670 | 63.310 | 47.940 |
| 3.5120 | 72.850 | 77.560 | 73.450 | 62.770 | 46.820 |
| 3.5160 | 72.420 | 80.060 | 72.630 | 62.470 | 47.160 |
| 3.5200 | 71.890 | 80.410 | 71.350 | 61.980 | 46.580 |
| 3.5240 | 71.840 | 76.490 | 70.600 | 61.390 | 47.140 |
| 3.5280 | 70.380 | 75.950 | 70.400 | 60.550 | 47.450 |
| 3.5320 | 69.210 | 75.910 | 69.910 | 60.850 | 46.760 |
| 3.5360 | 69.450 | 75.500 | 69.480 | 60.170 | 45.550 |
| 3.5400 | 69.850 | 75.310 | 70.130 | 59.890 | 48.790 |
| 3.5440 | 69.120 | 74.890 | 69.430 | 63.400 | 47.330 |
| 3.5480 | 68.250 | 73.790 | 67.650 | 80.360 | 46.780 |
| 3.5520 | 67.710 | 73.920 | 66.730 | 81.810 | 47.140 |
| 3.5560 | 67.350 | 73.330 | 66.900 | 71.520 | 47.320 |
| 3.5600 | 67.220 | 73.530 | 66.390 | 58.080 | 46.850 |
| 3.5640 | 65.370 | 72.920 | 65.410 | 57.000 | 47.600 |
| 3.5680 | 65.080 | 71.060 | 65.000 | 56.270 | 47.460 |
| 3.5720 | 64.560 | 70.180 | 64.250 | 55.310 | 45.970 |
| 3.5760 | 63.790 | 70.410 | 63.830 | 56.510 | 46.760 |
| 3.5800 | 63.800 | 70.970 | 63.070 | 55.760 | 47.610 |
| 3.5840 | 63.320 | 70.150 | 62.040 | 54.810 | 47.650 |
| 3.5880 | 63.000 | 69.760 | 60.380 | 54.740 | 47.000 |
| 3.5920 | 63.080 | 69.890 | 61.100 | 53.320 | 47.170 |
| 3.5960 | 62.680 | 69.680 | 60.940 | 52.900 | 47.010 |
| 3.6000 | 62.150 | 69.470 | 59.150 | 52.780 | 47.970 |
| 3.6040 | 62.010 | 68.610 | 58.740 | 51.500 | 47.180 |
| 3.6080 | 60.980 | 68.750 | 58.880 | 51.530 | 47.400 |
| 3.6120 | 61.720 | 69.440 | 57.920 | 51.840 | 46.410 |
| 3.6160 | 62.030 | 69.140 | 58.450 | 51.480 | 46.480 |
| 3.6200 | 61.650 | 69.400 | 58.920 | 50.260 | 46.730 |
| 3.6240 | 62.300 | 69.100 | 59.260 | 50.300 | 47.070 |
| 3.6280 | 62.470 | 70.190 | 59.540 | 50.250 | 46.990 |
| 3.6320 | 62.480 | 70.860 | 60.060 | 51.080 | 47.230 |
| 3.6360 | 63.640 | 70.850 | 60.250 | 50.830 | 47.470 |

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|--------|--------|--------|--------|--------|--------|
| 3.6400 | 63.550 | 70.800 | 61.100 | 51.350 | 46.930 |
| 3.6440 | 64.840 | 71.080 | 61.870 | 51.300 | 48.100 |
| 3.6480 | 65.470 | 71.630 | 62.360 | 51.590 | 47.410 |
| 3.6520 | 65.020 | 71.870 | 62.700 | 52.900 | 46.720 |
| 3.6560 | 65.720 | 72.440 | 64.000 | 54.170 | 48.220 |
| 3.6600 | 65.380 | 73.000 | 64.990 | 54.850 | 48.250 |
| 3.6640 | 67.260 | 73.270 | 64.760 | 53.870 | 45.610 |
| 3.6680 | 68.780 | 73.590 | 65.510 | 54.610 | 46.550 |
| 3.6720 | 69.010 | 73.940 | 65.980 | 55.660 | 47.130 |
| 3.6760 | 69.580 | 75.080 | 66.760 | 55.630 | 47.240 |
| 3.6800 | 70.500 | 75.740 | 67.340 | 57.280 | 46.630 |
| 3.6840 | 70.880 | 75.780 | 68.050 | 58.330 | 47.320 |
| 3.6880 | 71.180 | 76.420 | 68.470 | 58.400 | 46.420 |
| 3.6920 | 71.700 | 77.690 | 70.040 | 58.310 | 47.460 |
| 3.6960 | 72.010 | 78.770 | 70.770 | 58.860 | 46.770 |
| 3.7000 | 72.320 | 78.860 | 71.860 | 60.570 | 47.850 |
| 3.7040 | 73.520 | 78.820 | 72.500 | 60.950 | 47.310 |
| 3.7080 | 73.450 | 79.600 | 73.530 | 61.710 | 47.090 |
| 3.7120 | 74.730 | 80.480 | 73.610 | 62.000 | 47.790 |
| 3.7160 | 75.850 | 80.680 | 74.020 | 62.020 | 48.680 |
| 3.7200 | 75.980 | 80.570 | 73.870 | 62.910 | 48.430 |
| 3.7240 | 76.890 | 81.270 | 75.430 | 63.160 | 47.570 |
| 3.7280 | 77.630 | 81.220 | 76.180 | 64.600 | 47.450 |
| 3.7320 | 78.740 | 80.850 | 76.770 | 65.120 | 47.150 |
| 3.7360 | 78.570 | 81.370 | 76.920 | 65.660 | 47.060 |
| 3.7400 | 78.990 | 81.280 | 78.550 | 66.780 | 47.330 |
| 3.7440 | 79.920 | 81.350 | 78.950 | 67.110 | 47.560 |
| 3.7480 | 80.140 | 81.380 | 79.130 | 67.690 | 46.570 |
| 3.7520 | 78.810 | 80.380 | 79.200 | 68.820 | 47.570 |
| 3.7560 | 78.920 | 80.080 | 79.870 | 69.480 | 48.090 |
| 3.7600 | 79.150 | 81.190 | 79.580 | 69.750 | 44.590 |
| 3.7640 | 77.600 | 81.110 | 79.330 | 69.440 | 46.770 |
| 3.7680 | 78.250 | 79.430 | 79.270 | 68.980 | 47.060 |
| 3.7720 | 78.900 | 78.490 | 78.790 | 68.620 | 47.620 |
| 3.7760 | 77.830 | 78.570 | 78.160 | 68.800 | 49.110 |
| 3.7800 | 77.160 | 78.890 | 77.820 | 69.180 | 44.810 |
| 3.7840 | 75.550 | 79.350 | 76.880 | 69.100 | 47.080 |
| 3.7880 | 75.500 | 79.150 | 75.940 | 68.640 | 46.710 |
| 3.7920 | 75.620 | 79.110 | 75.970 | 67.530 | 46.590 |
| 3.7960 | 75.330 | 79.150 | 76.290 | 67.230 | 46.140 |
| 3.8000 | 74.740 | 79.190 | 75.480 | 65.590 | 47.200 |
| 3.8040 | 74.520 | 79.660 | 75.180 | 65.640 | 47.020 |
| 3.8080 | 73.220 | 78.810 | 74.370 | 64.740 | 47.140 |
| 3.8120 | 73.310 | 79.120 | 74.480 | 64.090 | 46.080 |
| 3.8160 | 72.530 | 79.390 | 73.390 | 63.750 | 47.680 |
| 3.8200 | 71.930 | 78.760 | 72.540 | 63.900 | 47.970 |
| 3.8240 | 72.110 | 79.780 | 72.030 | 63.740 | 47.200 |
| 3.8280 | 72.230 | 79.820 | 72.000 | 63.100 | 47.170 |
| 3.8320 | 71.970 | 78.510 | 70.930 | 63.000 | 46.720 |
| 3.8360 | 71.220 | 78.530 | 70.190 | 61.920 | 46.280 |
| 3.8400 | 70.450 | 79.440 | 69.630 | 61.200 | 46.290 |
| 3.8440 | 70.580 | 78.950 | 69.140 | 60.640 | 46.920 |
| 3.8480 | 69.760 | 78.880 | 69.150 | 60.070 | 46.220 |
| 3.8520 | 69.630 | 78.030 | 68.350 | 60.230 | 46.030 |
| 3.8560 | 69.620 | 78.230 | 68.290 | 60.000 | 49.220 |
| 3.8600 | 68.570 | 78.190 | 68.300 | 59.960 | 46.570 |
| 3.8640 | 68.740 | 77.550 | 67.600 | 59.580 | 46.850 |

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|--------|--------|--------|--------|--------|--------|
| 3.8680 | 69.210 | 77.360 | 65.730 | 59.440 | 46.620 |
| 3.8720 | 68.000 | 77.270 | 65.790 | 59.310 | 47.050 |
| 3.8760 | 66.170 | 75.900 | 66.690 | 58.970 | 47.980 |
| 3.8800 | 66.730 | 75.280 | 65.970 | 58.390 | 48.090 |
| 3.8840 | 66.690 | 75.690 | 65.680 | 58.180 | 47.870 |
| 3.8880 | 66.850 | 76.240 | 64.360 | 57.500 | 47.730 |
| 3.8920 | 65.990 | 75.770 | 63.730 | 56.710 | 46.590 |
| 3.8960 | 65.440 | 74.140 | 63.550 | 56.640 | 46.750 |
| 3.9000 | 64.550 | 75.460 | 62.570 | 55.800 | 48.260 |
| 3.9040 | 64.840 | 75.610 | 62.460 | 56.340 | 47.770 |
| 3.9080 | 65.000 | 75.140 | 62.040 | 56.150 | 47.820 |
| 3.9120 | 64.010 | 76.420 | 60.950 | 54.670 | 46.650 |
| 3.9160 | 63.310 | 77.190 | 60.690 | 53.930 | 46.320 |
| 3.9200 | 64.060 | 76.860 | 59.310 | 54.420 | 46.800 |
| 3.9240 | 63.400 | 76.470 | 58.640 | 54.640 | 48.010 |
| 3.9280 | 62.390 | 76.210 | 58.050 | 53.580 | 47.080 |
| 3.9320 | 62.230 | 77.340 | 57.460 | 53.420 | 46.240 |
| 3.9360 | 61.350 | 79.070 | 57.020 | 53.200 | 46.020 |
| 3.9400 | 60.470 | 79.160 | 55.600 | 51.600 | 46.610 |
| 3.9440 | 60.140 | 78.480 | 54.970 | 51.440 | 46.880 |
| 3.9480 | 61.040 | 78.490 | 54.850 | 51.720 | 46.560 |
| 3.9520 | 61.220 | 79.250 | 55.040 | 51.210 | 46.790 |
| 3.9560 | 61.150 | 75.090 | 55.070 | 51.420 | 46.770 |
| 3.9600 | 61.860 | 80.610 | 55.950 | 51.950 | 47.170 |
| 3.9640 | 62.190 | 81.400 | 56.860 | 54.220 | 47.350 |
| 3.9680 | 62.860 | 80.920 | 58.430 | 56.840 | 46.570 |
| 3.9720 | 64.500 | 81.360 | 59.130 | 59.140 | 46.440 |
| 3.9760 | 65.290 | 82.750 | 59.620 | 65.620 | 46.000 |
| 3.9800 | 66.820 | 83.680 | 60.350 | 65.910 | 46.170 |
| 3.9840 | 68.620 | 85.140 | 60.130 | 76.010 | 46.580 |
| 3.9880 | 68.100 | 86.790 | 62.330 | 83.010 | 47.630 |
| 3.9920 | 69.700 | 90.130 | 64.230 | 95.420 | 48.050 |
| 3.9960 | 110.55 | 145.98 | 65.190 | 150.12 | 48.190 |
| 4.0000 | 116.62 | 152.05 | 65.030 | 156.21 | 50.010 |
| 4.0040 | 110.64 | 146.09 | 66.440 | 150.26 | 48.320 |
| 4.0080 | 73.060 | 93.220 | 67.200 | 95.400 | 45.930 |
| 4.0120 | 72.880 | 88.460 | 67.740 | 83.530 | 46.550 |
| 4.0160 | 73.960 | 87.390 | 68.550 | 76.260 | 46.510 |
| 4.0200 | 73.910 | 86.350 | 70.020 | 66.900 | 48.690 |
| 4.0240 | 74.210 | 86.350 | 70.210 | 65.290 | 47.990 |
| 4.0280 | 76.820 | 85.750 | 70.890 | 63.180 | 47.630 |
| 4.0320 | 78.190 | 84.620 | 72.630 | 64.290 | 45.250 |
| 4.0360 | 77.850 | 85.470 | 73.160 | 65.590 | 47.490 |
| 4.0400 | 77.710 | 86.020 | 74.540 | 65.550 | 47.270 |
| 4.0440 | 78.510 | 85.210 | 74.530 | 65.990 | 48.000 |
| 4.0480 | 79.850 | 84.970 | 75.520 | 67.330 | 48.950 |
| 4.0520 | 79.380 | 84.190 | 76.900 | 69.320 | 47.680 |
| 4.0560 | 79.320 | 83.630 | 77.660 | 70.140 | 47.280 |
| 4.0600 | 78.120 | 84.490 | 77.840 | 70.020 | 47.250 |
| 4.0640 | 78.550 | 84.380 | 78.470 | 70.960 | 46.470 |
| 4.0680 | 79.910 | 83.050 | 78.460 | 70.640 | 46.130 |
| 4.0720 | 79.210 | 82.980 | 78.230 | 70.710 | 46.870 |
| 4.0760 | 77.920 | 82.930 | 78.360 | 71.000 | 47.370 |
| 4.0800 | 78.410 | 83.750 | 78.120 | 71.160 | 48.030 |
| 4.0840 | 78.290 | 83.620 | 77.830 | 70.390 | 48.470 |
| 4.0880 | 77.770 | 83.400 | 76.640 | 69.230 | 47.010 |
| 4.0920 | 76.660 | 82.590 | 76.420 | 69.040 | 47.940 |

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|--------|--------|--------|--------|--------|--------|
| 4.0960 | 76.660 | 82.780 | 76.100 | 69.370 | 48.580 |
| 4.1000 | 75.870 | 81.940 | 75.210 | 68.760 | 47.980 |
| 4.1040 | 75.290 | 81.800 | 74.090 | 67.390 | 46.950 |
| 4.1080 | 76.840 | 82.360 | 74.330 | 66.670 | 47.380 |
| 4.1120 | 76.840 | 82.810 | 74.230 | 66.260 | 47.550 |
| 4.1160 | 75.740 | 82.680 | 73.160 | 65.740 | 47.300 |
| 4.1200 | 75.520 | 83.250 | 72.850 | 65.890 | 46.560 |
| 4.1240 | 74.870 | 83.010 | 72.710 | 65.590 | 48.330 |
| 4.1280 | 74.410 | 82.670 | 72.300 | 64.540 | 46.960 |
| 4.1320 | 74.540 | 82.250 | 71.560 | 64.000 | 46.750 |
| 4.1360 | 74.140 | 82.430 | 71.920 | 62.920 | 46.740 |
| 4.1400 | 74.360 | 81.950 | 71.340 | 63.450 | 49.560 |
| 4.1440 | 74.020 | 81.530 | 71.250 | 63.360 | 49.590 |
| 4.1480 | 73.060 | 81.340 | 70.450 | 62.320 | 46.870 |
| 4.1520 | 72.290 | 81.570 | 70.280 | 62.020 | 48.450 |
| 4.1560 | 71.940 | 81.180 | 69.370 | 62.290 | 48.480 |
| 4.1600 | 71.580 | 80.060 | 68.390 | 61.180 | 47.500 |
| 4.1640 | 71.820 | 79.440 | 68.720 | 60.640 | 47.690 |
| 4.1680 | 71.990 | 78.440 | 68.810 | 60.490 | 47.370 |
| 4.1720 | 71.630 | 78.080 | 68.720 | 60.280 | 47.690 |
| 4.1760 | 71.290 | 78.470 | 68.100 | 60.250 | 47.170 |
| 4.1800 | 71.170 | 78.960 | 67.270 | 60.070 | 49.200 |
| 4.1840 | 70.630 | 77.370 | 67.020 | 59.580 | 46.550 |
| 4.1880 | 69.690 | 75.890 | 67.930 | 59.410 | 46.920 |
| 4.1920 | 69.830 | 76.760 | 67.220 | 58.520 | 47.470 |
| 4.1960 | 69.990 | 77.450 | 66.120 | 57.400 | 47.600 |
| 4.2000 | 69.820 | 76.780 | 65.720 | 56.890 | 47.170 |
| 4.2040 | 68.990 | 76.160 | 65.860 | 56.140 | 47.830 |
| 4.2080 | 68.650 | 75.770 | 65.780 | 57.060 | 47.850 |
| 4.2120 | 68.650 | 75.080 | 65.290 | 57.140 | 47.670 |
| 4.2160 | 68.260 | 74.880 | 63.360 | 56.610 | 47.550 |
| 4.2200 | 67.830 | 75.360 | 63.290 | 57.140 | 46.500 |
| 4.2240 | 66.960 | 74.840 | 63.910 | 56.670 | 48.160 |
| 4.2280 | 66.720 | 74.330 | 63.590 | 55.580 | 47.680 |
| 4.2320 | 66.550 | 74.020 | 62.930 | 55.900 | 46.750 |
| 4.2360 | 66.670 | 73.480 | 62.860 | 54.900 | 47.460 |
| 4.2400 | 66.060 | 73.740 | 62.940 | 54.820 | 47.670 |
| 4.2440 | 65.700 | 73.100 | 62.420 | 55.220 | 48.000 |
| 4.2480 | 64.420 | 73.020 | 61.660 | 54.900 | 46.700 |
| 4.2520 | 64.290 | 72.960 | 61.970 | 54.390 | 47.620 |
| 4.2560 | 64.450 | 73.330 | 61.790 | 53.660 | 47.450 |
| 4.2600 | 64.550 | 73.790 | 60.920 | 53.140 | 48.390 |
| 4.2640 | 63.600 | 74.440 | 60.110 | 53.360 | 48.590 |
| 4.2680 | 63.310 | 74.030 | 59.740 | 52.190 | 48.150 |
| 4.2720 | 63.190 | 74.290 | 59.480 | 51.980 | 47.930 |
| 4.2760 | 63.500 | 74.470 | 58.060 | 51.480 | 47.750 |
| 4.2800 | 62.300 | 74.140 | 56.110 | 51.910 | 47.720 |
| 4.2840 | 62.470 | 73.840 | 56.130 | 51.070 | 47.700 |
| 4.2880 | 61.530 | 73.420 | 56.160 | 50.560 | 47.430 |
| 4.2920 | 61.110 | 73.680 | 55.720 | 50.220 | 46.810 |
| 4.2960 | 62.040 | 74.210 | 56.340 | 52.260 | 47.840 |
| 4.3000 | 62.730 | 74.740 | 56.750 | 53.670 | 47.720 |
| 4.3040 | 61.960 | 75.070 | 57.360 | 51.220 | 46.920 |
| 4.3080 | 61.260 | 75.300 | 57.770 | 49.520 | 46.900 |
| 4.3120 | 64.080 | 75.180 | 58.030 | 51.350 | 47.900 |
| 4.3160 | 64.390 | 75.070 | 59.140 | 51.140 | 48.070 |
| 4.3200 | 63.980 | 75.170 | 60.650 | 50.720 | 48.570 |

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|--------|--------|--------|--------|--------|--------|
| 4.3240 | 64.410 | 74.150 | 62.020 | 51.730 | 48.780 |
| 4.3280 | 65.550 | 74.300 | 63.190 | 52.610 | 48.090 |
| 4.3320 | 68.150 | 74.770 | 64.240 | 54.270 | 47.560 |
| 4.3360 | 69.120 | 75.870 | 65.940 | 55.310 | 47.290 |
| 4.3400 | 69.310 | 75.520 | 67.780 | 56.630 | 47.110 |
| 4.3440 | 70.030 | 75.280 | 68.720 | 56.760 | 48.050 |
| 4.3480 | 69.430 | 75.260 | 68.540 | 57.500 | 47.390 |
| 4.3520 | 70.300 | 75.750 | 70.000 | 58.540 | 47.260 |
| 4.3560 | 71.730 | 76.700 | 70.890 | 59.700 | 47.700 |
| 4.3600 | 72.310 | 77.390 | 71.620 | 60.920 | 47.040 |
| 4.3640 | 72.920 | 76.860 | 72.670 | 61.710 | 45.440 |
| 4.3680 | 73.210 | 77.250 | 73.000 | 62.300 | 46.760 |
| 4.3720 | 72.830 | 77.990 | 73.190 | 62.690 | 48.030 |
| 4.3760 | 72.010 | 78.790 | 73.500 | 62.570 | 47.760 |
| 4.3800 | 71.740 | 79.540 | 73.760 | 63.950 | 49.310 |
| 4.3840 | 72.310 | 79.370 | 73.070 | 64.710 | 50.300 |
| 4.3880 | 72.130 | 80.420 | 72.810 | 65.770 | 48.030 |
| 4.3920 | 72.160 | 80.400 | 73.100 | 64.930 | 47.010 |
| 4.3960 | 72.290 | 80.660 | 72.030 | 64.460 | 46.370 |
| 4.4000 | 71.810 | 80.780 | 71.840 | 64.550 | 47.860 |
| 4.4040 | 71.480 | 79.930 | 71.960 | 63.550 | 47.700 |
| 4.4080 | 71.260 | 79.430 | 70.920 | 63.360 | 47.450 |
| 4.4120 | 71.040 | 79.800 | 71.130 | 63.280 | 47.760 |
| 4.4160 | 70.290 | 78.720 | 71.300 | 63.550 | 47.350 |
| 4.4200 | 70.310 | 78.270 | 71.360 | 63.310 | 46.830 |
| 4.4240 | 69.960 | 78.400 | 70.180 | 61.440 | 47.300 |
| 4.4280 | 69.770 | 78.310 | 69.650 | 61.960 | 47.940 |
| 4.4320 | 69.890 | 77.580 | 69.910 | 61.700 | 47.430 |
| 4.4360 | 70.060 | 77.480 | 69.750 | 60.180 | 49.810 |
| 4.4400 | 70.420 | 77.720 | 68.950 | 60.590 | 47.120 |
| 4.4440 | 69.770 | 77.650 | 68.640 | 66.440 | 46.060 |
| 4.4480 | 69.910 | 77.560 | 68.000 | 76.890 | 47.620 |
| 4.4520 | 69.780 | 77.230 | 68.870 | 75.970 | 47.610 |
| 4.4560 | 69.780 | 76.250 | 68.220 | 60.890 | 48.800 |
| 4.4600 | 70.900 | 76.410 | 67.660 | 59.370 | 47.360 |
| 4.4640 | 70.120 | 76.030 | 67.590 | 58.940 | 47.570 |
| 4.4680 | 70.370 | 76.130 | 67.800 | 59.310 | 47.320 |
| 4.4720 | 69.680 | 74.820 | 67.050 | 59.040 | 47.060 |
| 4.4760 | 69.940 | 76.330 | 67.520 | 58.330 | 47.520 |
| 4.4800 | 69.550 | 76.700 | 66.680 | 57.880 | 47.360 |
| 4.4840 | 68.460 | 76.200 | 67.370 | 57.510 | 47.050 |
| 4.4880 | 69.100 | 75.030 | 66.960 | 57.220 | 46.410 |
| 4.4920 | 69.910 | 74.740 | 66.440 | 57.790 | 47.240 |
| 4.4960 | 69.500 | 75.490 | 65.660 | 58.010 | 47.370 |
| 4.5000 | 69.470 | 75.040 | 66.040 | 56.770 | 48.220 |
| 4.5040 | 67.610 | 74.380 | 66.200 | 56.450 | 46.180 |
| 4.5080 | 68.310 | 73.920 | 66.250 | 56.390 | 47.180 |
| 4.5120 | 68.320 | 72.200 | 65.780 | 56.920 | 47.090 |
| 4.5160 | 67.740 | 73.580 | 64.910 | 56.220 | 47.420 |
| 4.5200 | 67.870 | 74.360 | 64.240 | 54.730 | 47.340 |
| 4.5240 | 66.380 | 73.420 | 64.650 | 55.150 | 47.140 |
| 4.5280 | 66.250 | 73.850 | 63.630 | 55.580 | 47.270 |
| 4.5320 | 66.800 | 73.280 | 62.950 | 55.970 | 47.010 |
| 4.5360 | 66.990 | 72.110 | 63.870 | 56.060 | 46.990 |
| 4.5400 | 67.360 | 72.440 | 63.950 | 55.280 | 48.220 |
| 4.5440 | 67.410 | 72.380 | 63.300 | 55.010 | 48.120 |
| 4.5480 | 66.050 | 72.630 | 63.210 | 55.380 | 49.370 |

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|--------|--------|--------|--------|--------|--------|
| 4.5520 | 66.230 | 73.390 | 63.800 | 54.980 | 48.290 |
| 4.5560 | 66.420 | 72.730 | 63.940 | 55.200 | 48.100 |
| 4.5600 | 66.280 | 72.790 | 63.020 | 54.600 | 46.970 |
| 4.5640 | 66.040 | 72.470 | 63.120 | 54.670 | 46.750 |
| 4.5680 | 66.310 | 71.150 | 63.190 | 54.790 | 47.820 |
| 4.5720 | 65.860 | 70.740 | 62.690 | 54.720 | 48.320 |
| 4.5760 | 64.250 | 70.230 | 61.940 | 53.510 | 47.120 |
| 4.5800 | 64.420 | 70.520 | 62.120 | 53.090 | 47.590 |
| 4.5840 | 64.420 | 70.590 | 61.640 | 53.530 | 47.060 |
| 4.5880 | 64.460 | 70.790 | 61.640 | 53.870 | 47.170 |
| 4.5920 | 64.850 | 70.510 | 61.530 | 54.200 | 46.890 |
| 4.5960 | 65.740 | 70.970 | 60.950 | 53.800 | 46.170 |
| 4.6000 | 65.060 | 71.040 | 61.000 | 54.000 | 47.500 |
| 4.6040 | 65.300 | 71.280 | 60.960 | 53.420 | 47.060 |
| 4.6080 | 65.960 | 71.720 | 60.160 | 53.230 | 47.870 |
| 4.6120 | 64.470 | 72.250 | 60.630 | 52.630 | 47.390 |
| 4.6160 | 65.260 | 72.190 | 61.010 | 52.280 | 47.400 |
| 4.6200 | 65.840 | 72.010 | 61.090 | 51.660 | 48.660 |
| 4.6240 | 65.280 | 72.800 | 61.960 | 52.660 | 47.310 |
| 4.6280 | 65.780 | 73.090 | 61.770 | 52.680 | 47.740 |
| 4.6320 | 66.390 | 72.920 | 62.650 | 53.140 | 46.380 |
| 4.6360 | 67.470 | 73.670 | 63.920 | 53.790 | 47.400 |
| 4.6400 | 67.890 | 73.490 | 64.420 | 53.790 | 47.170 |
| 4.6440 | 68.200 | 73.600 | 64.840 | 54.170 | 47.530 |
| 4.6480 | 67.530 | 73.610 | 64.650 | 54.480 | 47.480 |
| 4.6520 | 68.070 | 73.780 | 66.560 | 54.190 | 47.260 |
| 4.6560 | 68.730 | 74.030 | 67.150 | 54.140 | 48.040 |
| 4.6600 | 68.120 | 73.680 | 66.830 | 54.400 | 47.580 |
| 4.6640 | 67.980 | 74.120 | 66.620 | 55.120 | 47.950 |
| 4.6680 | 68.840 | 74.240 | 67.890 | 56.400 | 47.470 |
| 4.6720 | 69.700 | 73.920 | 68.070 | 57.070 | 47.440 |
| 4.6760 | 68.710 | 73.380 | 67.980 | 56.940 | 46.630 |
| 4.6800 | 68.610 | 73.950 | 67.970 | 57.160 | 46.120 |
| 4.6840 | 68.790 | 75.090 | 67.920 | 57.700 | 47.250 |
| 4.6880 | 68.590 | 75.270 | 67.250 | 57.940 | 47.430 |
| 4.6920 | 67.960 | 74.990 | 66.330 | 58.410 | 47.700 |
| 4.6960 | 67.670 | 74.460 | 66.420 | 58.480 | 47.450 |
| 4.7000 | 68.010 | 74.640 | 65.740 | 58.490 | 46.790 |
| 4.7040 | 67.810 | 73.900 | 66.100 | 58.550 | 47.110 |
| 4.7080 | 67.140 | 73.210 | 66.330 | 59.310 | 48.860 |
| 4.7120 | 67.620 | 73.790 | 65.850 | 57.870 | 48.230 |
| 4.7160 | 67.780 | 74.920 | 65.080 | 57.390 | 47.520 |
| 4.7200 | 67.170 | 74.610 | 65.990 | 58.260 | 47.760 |
| 4.7240 | 66.400 | 74.340 | 65.690 | 57.790 | 47.830 |
| 4.7280 | 66.630 | 74.650 | 65.860 | 56.520 | 47.220 |
| 4.7320 | 66.970 | 75.370 | 65.590 | 56.720 | 47.090 |
| 4.7360 | 66.960 | 74.320 | 64.850 | 56.780 | 47.060 |
| 4.7400 | 67.550 | 73.410 | 64.990 | 56.970 | 47.700 |
| 4.7440 | 67.540 | 73.010 | 64.610 | 57.600 | 47.110 |
| 4.7480 | 66.850 | 72.750 | 64.180 | 57.010 | 47.370 |
| 4.7520 | 67.540 | 74.050 | 65.170 | 56.210 | 47.260 |
| 4.7560 | 67.980 | 73.530 | 64.870 | 56.200 | 48.190 |
| 4.7600 | 66.460 | 72.990 | 64.700 | 55.540 | 47.890 |
| 4.7640 | 66.640 | 73.230 | 64.410 | 55.670 | 47.930 |
| 4.7680 | 67.310 | 73.820 | 64.680 | 56.260 | 47.520 |
| 4.7720 | 67.700 | 72.590 | 65.120 | 55.040 | 47.650 |
| 4.7760 | 67.510 | 73.350 | 64.850 | 55.030 | 47.780 |

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|--------|--------|--------|--------|--------|--------|
| 4.7800 | 66.790 | 73.070 | 64.340 | 55.030 | 47.390 |
| 4.7840 | 67.590 | 72.940 | 63.350 | 55.290 | 47.210 |
| 4.7880 | 67.890 | 74.070 | 62.870 | 55.300 | 46.980 |
| 4.7920 | 66.970 | 73.700 | 62.740 | 54.830 | 47.620 |
| 4.7960 | 66.540 | 72.570 | 61.900 | 55.300 | 46.980 |
| 4.8000 | 66.290 | 72.650 | 62.940 | 55.490 | 43.140 |
| 4.8040 | 66.050 | 71.730 | 63.050 | 54.570 | 46.760 |
| 4.8080 | 65.530 | 71.640 | 63.020 | 54.540 | 47.730 |
| 4.8120 | 66.210 | 72.220 | 62.830 | 53.720 | 47.140 |
| 4.8160 | 66.650 | 72.800 | 64.050 | 53.410 | 47.160 |
| 4.8200 | 66.560 | 72.300 | 62.890 | 54.280 | 47.020 |
| 4.8240 | 66.790 | 71.250 | 62.290 | 54.230 | 47.930 |
| 4.8280 | 66.510 | 71.080 | 62.690 | 54.230 | 47.980 |
| 4.8320 | 66.380 | 72.300 | 62.730 | 54.500 | 47.610 |
| 4.8360 | 67.150 | 72.010 | 60.790 | 54.210 | 46.950 |
| 4.8400 | 66.480 | 70.870 | 61.080 | 53.530 | 46.380 |
| 4.8440 | 65.980 | 71.550 | 61.110 | 53.540 | 46.820 |
| 4.8480 | 66.100 | 72.000 | 62.070 | 53.790 | 47.220 |
| 4.8520 | 66.580 | 71.420 | 62.500 | 53.040 | 47.690 |
| 4.8560 | 66.080 | 71.060 | 61.440 | 53.750 | 47.090 |
| 4.8600 | 66.430 | 69.960 | 62.260 | 53.560 | 48.710 |
| 4.8640 | 66.690 | 70.540 | 61.760 | 54.120 | 47.900 |
| 4.8680 | 65.630 | 71.390 | 61.530 | 54.610 | 47.230 |
| 4.8720 | 65.420 | 70.500 | 63.340 | 54.210 | 48.020 |
| 4.8760 | 66.460 | 70.760 | 64.440 | 54.370 | 47.940 |
| 4.8800 | 66.370 | 71.270 | 63.560 | 54.610 | 47.700 |
| 4.8840 | 65.660 | 70.620 | 64.030 | 55.250 | 47.970 |
| 4.8880 | 67.140 | 71.120 | 65.040 | 55.590 | 47.890 |
| 4.8920 | 67.160 | 70.490 | 63.480 | 55.980 | 47.730 |
| 4.8960 | 66.590 | 70.350 | 63.690 | 56.140 | 47.130 |
| 4.9000 | 67.180 | 70.490 | 63.750 | 56.120 | 47.150 |
| 4.9040 | 67.140 | 69.940 | 64.630 | 56.300 | 47.220 |
| 4.9080 | 67.670 | 71.250 | 64.260 | 56.360 | 46.960 |
| 4.9120 | 67.150 | 72.650 | 63.970 | 56.470 | 47.180 |
| 4.9160 | 67.210 | 72.140 | 64.260 | 56.220 | 46.830 |
| 4.9200 | 67.660 | 71.590 | 63.790 | 54.960 | 47.420 |
| 4.9240 | 67.340 | 70.920 | 63.500 | 55.620 | 46.650 |
| 4.9280 | 67.330 | 71.120 | 63.440 | 55.000 | 47.220 |
| 4.9320 | 67.490 | 72.280 | 62.740 | 55.040 | 46.690 |
| 4.9360 | 66.800 | 72.070 | 63.360 | 55.220 | 47.120 |
| 4.9400 | 67.420 | 72.140 | 63.560 | 55.480 | 47.790 |
| 4.9440 | 68.030 | 72.060 | 63.960 | 54.840 | 46.660 |
| 4.9480 | 67.490 | 71.570 | 64.620 | 54.510 | 47.420 |
| 4.9520 | 66.380 | 72.490 | 63.640 | 54.160 | 46.480 |
| 4.9560 | 67.470 | 73.210 | 63.510 | 54.760 | 47.860 |
| 4.9600 | 66.900 | 73.570 | 63.890 | 55.660 | 47.300 |
| 4.9640 | 66.760 | 73.560 | 63.680 | 54.750 | 47.240 |
| 4.9680 | 66.220 | 72.680 | 63.890 | 55.100 | 47.540 |
| 4.9720 | 66.750 | 72.840 | 62.890 | 54.960 | 47.040 |
| 4.9760 | 66.890 | 72.080 | 63.300 | 55.360 | 47.120 |
| 4.9800 | 66.260 | 72.300 | 62.400 | 55.480 | 47.840 |
| 4.9840 | 67.120 | 72.520 | 61.610 | 54.440 | 46.330 |
| 4.9880 | 68.230 | 71.710 | 63.000 | 54.020 | 46.700 |
| 4.9920 | 68.540 | 72.060 | 63.260 | 54.970 | 47.310 |
| 4.9960 | 113.08 | 72.150 | 63.760 | 54.400 | 48.180 |
| 5.0000 | 119.16 | 71.900 | 63.690 | 54.230 | 47.200 |
| 5.0040 | 113.20 | 71.550 | 63.370 | 54.380 | 47.180 |

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|--------|--------|--------|--------|--------|--------|
| 5.0080 | 68.560 | 72.210 | 63.680 | 53.950 | 46.820 |
| 5.0120 | 67.770 | 72.220 | 62.840 | 54.450 | 47.340 |
| 5.0160 | 67.200 | 72.450 | 62.980 | 54.430 | 47.800 |
| 5.0200 | 66.750 | 72.540 | 63.100 | 54.230 | 47.320 |
| 5.0240 | 66.720 | 71.580 | 62.630 | 54.110 | 47.540 |
| 5.0280 | 67.500 | 71.900 | 61.800 | 54.520 | 48.050 |
| 5.0320 | 67.790 | 71.720 | 62.760 | 54.750 | 47.810 |
| 5.0360 | 67.110 | 71.510 | 62.980 | 54.120 | 46.650 |
| 5.0400 | 67.760 | 72.050 | 63.270 | 54.370 | 46.100 |
| 5.0440 | 67.540 | 72.420 | 62.890 | 54.450 | 47.050 |
| 5.0480 | 67.690 | 72.160 | 63.130 | 53.600 | 46.790 |
| 5.0520 | 67.360 | 72.070 | 63.410 | 52.940 | 47.290 |
| 5.0560 | 68.110 | 71.670 | 62.350 | 54.530 | 47.410 |
| 5.0600 | 67.390 | 71.770 | 62.190 | 55.050 | 46.880 |
| 5.0640 | 67.390 | 71.940 | 62.330 | 54.170 | 48.580 |
| 5.0680 | 68.270 | 72.770 | 62.920 | 54.190 | 47.160 |
| 5.0720 | 67.840 | 71.810 | 63.470 | 54.640 | 47.230 |
| 5.0760 | 67.940 | 71.560 | 63.590 | 54.400 | 47.040 |
| 5.0800 | 67.190 | 71.410 | 62.360 | 54.130 | 48.040 |
| 5.0840 | 67.490 | 71.030 | 62.340 | 54.450 | 47.860 |
| 5.0880 | 66.730 | 70.690 | 62.700 | 54.260 | 47.490 |
| 5.0920 | 65.670 | 70.990 | 62.820 | 54.400 | 46.830 |
| 5.0960 | 67.120 | 70.960 | 62.750 | 55.290 | 46.850 |
| 5.1000 | 68.380 | 71.020 | 63.090 | 53.620 | 47.860 |
| 5.1040 | 68.200 | 71.470 | 63.150 | 54.170 | 47.890 |
| 5.1080 | 67.560 | 70.790 | 63.060 | 55.140 | 47.490 |
| 5.1120 | 67.010 | 70.340 | 62.850 | 55.230 | 47.710 |
| 5.1160 | 66.520 | 70.650 | 63.280 | 54.960 | 48.570 |
| 5.1200 | 67.760 | 70.120 | 63.060 | 55.370 | 47.760 |
| 5.1240 | 67.360 | 69.620 | 62.840 | 55.970 | 46.860 |
| 5.1280 | 67.320 | 69.950 | 63.070 | 54.510 | 47.660 |
| 5.1320 | 67.020 | 69.710 | 62.960 | 54.760 | 47.610 |
| 5.1360 | 66.830 | 69.250 | 63.540 | 56.090 | 47.710 |
| 5.1400 | 66.120 | 68.980 | 62.520 | 54.970 | 46.850 |
| 5.1440 | 65.660 | 69.890 | 61.290 | 54.730 | 46.590 |
| 5.1480 | 65.530 | 70.070 | 60.980 | 54.660 | 47.220 |
| 5.1520 | 65.990 | 69.590 | 61.800 | 54.910 | 47.460 |
| 5.1560 | 65.750 | 69.580 | 61.070 | 53.730 | 47.200 |
| 5.1600 | 65.150 | 70.020 | 60.120 | 53.840 | 45.970 |
| 5.1640 | 64.660 | 69.450 | 59.760 | 53.930 | 46.500 |
| 5.1680 | 64.570 | 70.040 | 59.410 | 52.760 | 47.680 |
| 5.1720 | 64.020 | 70.260 | 59.220 | 52.440 | 47.260 |
| 5.1760 | 63.540 | 70.110 | 59.780 | 53.230 | 48.030 |
| 5.1800 | 63.880 | 69.600 | 60.410 | 52.280 | 47.790 |
| 5.1840 | 64.020 | 69.890 | 59.810 | 52.160 | 47.180 |
| 5.1880 | 64.040 | 69.270 | 59.260 | 53.530 | 47.330 |
| 5.1920 | 63.220 | 69.360 | 59.300 | 53.810 | 47.430 |
| 5.1960 | 63.390 | 69.780 | 59.710 | 53.410 | 47.590 |
| 5.2000 | 64.450 | 70.280 | 59.830 | 52.410 | 46.920 |
| 5.2040 | 64.960 | 69.940 | 59.600 | 50.840 | 46.760 |
| 5.2080 | 64.800 | 69.700 | 60.330 | 51.850 | 46.980 |
| 5.2120 | 64.680 | 69.560 | 60.710 | 52.270 | 46.470 |
| 5.2160 | 64.350 | 69.900 | 60.470 | 52.390 | 45.950 |
| 5.2200 | 63.820 | 69.330 | 60.620 | 52.310 | 47.440 |
| 5.2240 | 64.540 | 68.770 | 60.630 | 52.770 | 47.430 |
| 5.2280 | 65.450 | 68.830 | 59.660 | 52.750 | 47.150 |
| 5.2320 | 65.340 | 69.420 | 60.470 | 52.870 | 46.990 |

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|--------|--------|--------|--------|--------|--------|
| 5.2360 | 64.720 | 69.280 | 61.060 | 53.180 | 47.620 |
| 5.2400 | 64.470 | 70.050 | 61.190 | 52.780 | 47.410 |
| 5.2440 | 64.220 | 70.340 | 60.870 | 52.570 | 46.790 |
| 5.2480 | 65.040 | 71.090 | 60.920 | 52.770 | 46.750 |
| 5.2520 | 65.620 | 70.580 | 60.980 | 52.600 | 46.580 |
| 5.2560 | 65.790 | 70.200 | 60.390 | 52.490 | 46.500 |
| 5.2600 | 65.580 | 69.910 | 60.350 | 52.820 | 46.860 |
| 5.2640 | 63.970 | 70.810 | 61.210 | 52.790 | 47.840 |
| 5.2680 | 65.690 | 71.420 | 60.800 | 52.440 | 47.200 |
| 5.2720 | 65.710 | 71.660 | 60.470 | 51.720 | 47.810 |
| 5.2760 | 65.640 | 71.050 | 60.950 | 52.720 | 46.830 |
| 5.2800 | 65.950 | 70.980 | 61.370 | 53.710 | 47.360 |
| 5.2840 | 65.880 | 71.160 | 61.380 | 52.920 | 47.660 |
| 5.2880 | 65.390 | 70.670 | 62.370 | 52.770 | 47.340 |
| 5.2920 | 65.540 | 70.750 | 61.540 | 52.390 | 47.320 |
| 5.2960 | 65.700 | 71.480 | 61.700 | 53.190 | 46.960 |
| 5.3000 | 66.040 | 71.130 | 61.990 | 53.640 | 46.860 |
| 5.3040 | 65.610 | 70.820 | 61.680 | 53.160 | 47.770 |
| 5.3080 | 65.720 | 71.460 | 61.390 | 53.440 | 47.870 |
| 5.3120 | 66.620 | 71.540 | 61.390 | 53.270 | 46.650 |
| 5.3160 | 66.220 | 72.380 | 61.670 | 54.090 | 48.130 |
| 5.3200 | 66.160 | 71.530 | 62.290 | 54.020 | 47.180 |
| 5.3240 | 66.340 | 71.130 | 61.980 | 53.680 | 47.320 |
| 5.3280 | 67.280 | 71.800 | 62.200 | 53.390 | 47.690 |
| 5.3320 | 67.890 | 72.400 | 62.580 | 53.700 | 46.380 |
| 5.3360 | 67.410 | 72.350 | 61.950 | 53.270 | 47.180 |
| 5.3400 | 66.590 | 71.890 | 61.120 | 53.130 | 47.560 |
| 5.3440 | 67.250 | 72.300 | 61.820 | 53.640 | 47.360 |
| 5.3480 | 67.330 | 72.120 | 61.300 | 53.330 | 46.820 |
| 5.3520 | 68.650 | 72.560 | 61.310 | 53.960 | 47.920 |
| 5.3560 | 68.550 | 73.270 | 62.230 | 54.090 | 45.490 |
| 5.3600 | 67.370 | 73.440 | 62.200 | 53.820 | 47.540 |
| 5.3640 | 67.820 | 74.400 | 62.980 | 54.180 | 46.860 |
| 5.3680 | 67.640 | 73.130 | 63.280 | 54.930 | 47.330 |
| 5.3720 | 67.300 | 73.100 | 63.940 | 54.870 | 47.840 |
| 5.3760 | 67.640 | 73.990 | 63.350 | 55.450 | 46.890 |
| 5.3800 | 67.370 | 73.490 | 63.000 | 54.930 | 46.860 |
| 5.3840 | 68.240 | 73.710 | 62.850 | 54.720 | 47.670 |
| 5.3880 | 68.330 | 74.210 | 64.160 | 55.870 | 47.730 |
| 5.3920 | 69.430 | 74.630 | 64.390 | 54.770 | 48.150 |
| 5.3960 | 69.900 | 74.060 | 63.390 | 54.340 | 47.850 |
| 5.4000 | 69.340 | 74.190 | 63.300 | 54.850 | 47.010 |
| 5.4040 | 69.340 | 73.570 | 63.750 | 55.090 | 46.880 |
| 5.4080 | 69.510 | 72.410 | 64.440 | 55.080 | 47.860 |
| 5.4120 | 69.310 | 72.400 | 65.760 | 56.580 | 47.210 |
| 5.4160 | 69.350 | 73.370 | 65.920 | 56.490 | 46.710 |
| 5.4200 | 69.570 | 73.150 | 65.490 | 56.050 | 46.790 |
| 5.4240 | 69.950 | 72.790 | 65.780 | 56.910 | 46.500 |
| 5.4280 | 70.280 | 72.990 | 65.980 | 58.110 | 47.200 |
| 5.4320 | 70.970 | 73.310 | 66.770 | 58.520 | 47.820 |
| 5.4360 | 71.750 | 73.250 | 66.290 | 57.890 | 48.800 |
| 5.4400 | 71.380 | 73.010 | 66.660 | 58.610 | 53.140 |
| 5.4440 | 70.060 | 73.230 | 67.030 | 59.570 | 50.680 |
| 5.4480 | 69.410 | 72.720 | 68.330 | 60.460 | 47.700 |
| 5.4520 | 69.360 | 72.380 | 68.440 | 59.810 | 48.210 |
| 5.4560 | 69.700 | 71.770 | 68.660 | 60.280 | 53.410 |
| 5.4600 | 69.640 | 72.000 | 67.710 | 60.020 | 58.640 |

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|--------|--------|--------|--------|--------|--------|
| 5.4640 | 68.130 | 71.760 | 66.390 | 60.470 | 54.100 |
| 5.4680 | 66.110 | 71.910 | 65.860 | 59.780 | 48.330 |
| 5.4720 | 65.000 | 72.390 | 65.410 | 58.570 | 48.130 |
| 5.4760 | 64.680 | 72.700 | 63.750 | 57.550 | 47.670 |
| 5.4800 | 64.280 | 73.030 | 61.620 | 55.980 | 47.910 |
| 5.4840 | 63.080 | 72.390 | 59.880 | 55.460 | 47.660 |
| 5.4880 | 62.960 | 71.780 | 58.500 | 54.220 | 48.440 |
| 5.4920 | 62.600 | 70.900 | 56.200 | 53.140 | 48.420 |
| 5.4960 | 61.200 | 70.920 | 55.010 | 53.030 | 47.820 |
| 5.5000 | 60.260 | 71.720 | 54.320 | 51.820 | 47.300 |
| 5.5040 | 60.210 | 72.110 | 53.270 | 52.370 | 48.100 |
| 5.5080 | 60.850 | 72.230 | 52.200 | 51.760 | 46.650 |
| 5.5120 | 60.110 | 71.420 | 52.080 | 50.220 | 47.730 |
| 5.5160 | 60.820 | 71.350 | 51.930 | 49.550 | 48.230 |
| 5.5200 | 60.800 | 70.740 | 52.120 | 50.300 | 50.570 |
| 5.5240 | 61.390 | 68.770 | 53.220 | 50.540 | 48.100 |
| 5.5280 | 61.490 | 69.510 | 53.230 | 50.060 | 46.520 |
| 5.5320 | 60.830 | 69.420 | 53.380 | 49.120 | 47.650 |
| 5.5360 | 61.300 | 69.280 | 54.690 | 49.790 | 47.130 |
| 5.5400 | 60.790 | 69.730 | 58.030 | 50.020 | 47.950 |
| 5.5440 | 60.910 | 69.680 | 56.120 | 48.850 | 47.640 |
| 5.5480 | 61.340 | 68.750 | 54.920 | 48.640 | 48.230 |
| 5.5520 | 61.380 | 68.910 | 54.150 | 50.080 | 54.410 |
| 5.5560 | 61.770 | 69.370 | 54.730 | 50.220 | 71.130 |
| 5.5600 | 61.680 | 69.040 | 55.220 | 50.110 | 73.170 |
| 5.5640 | 61.460 | 68.930 | 56.310 | 49.710 | 62.440 |
| 5.5680 | 61.490 | 68.400 | 56.100 | 50.230 | 48.370 |
| 5.5720 | 62.440 | 68.120 | 56.170 | 49.990 | 47.570 |
| 5.5760 | 62.990 | 68.770 | 56.160 | 50.130 | 48.480 |
| 5.5800 | 62.790 | 68.890 | 57.120 | 50.690 | 50.430 |
| 5.5840 | 62.770 | 69.000 | 57.630 | 50.570 | 47.910 |
| 5.5880 | 63.840 | 69.210 | 57.480 | 50.510 | 47.810 |
| 5.5920 | 63.550 | 69.810 | 57.270 | 50.840 | 47.120 |
| 5.5960 | 63.780 | 69.940 | 57.690 | 51.160 | 47.580 |
| 5.6000 | 63.620 | 68.980 | 58.620 | 50.520 | 48.850 |
| 5.6040 | 63.930 | 68.930 | 58.380 | 51.510 | 48.790 |
| 5.6080 | 64.500 | 70.230 | 57.040 | 51.680 | 47.660 |
| 5.6120 | 64.800 | 70.590 | 57.490 | 51.310 | 47.580 |
| 5.6160 | 64.820 | 69.910 | 59.020 | 52.450 | 47.760 |
| 5.6200 | 64.470 | 70.650 | 58.750 | 52.110 | 47.670 |
| 5.6240 | 65.020 | 70.470 | 58.670 | 51.420 | 47.450 |
| 5.6280 | 66.120 | 70.510 | 58.930 | 50.180 | 47.700 |
| 5.6320 | 65.900 | 70.910 | 58.040 | 51.850 | 47.110 |
| 5.6360 | 65.450 | 71.300 | 58.900 | 52.560 | 47.750 |
| 5.6400 | 65.510 | 70.870 | 59.460 | 52.290 | 47.330 |
| 5.6440 | 66.000 | 70.490 | 59.170 | 51.670 | 47.560 |
| 5.6480 | 65.650 | 71.820 | 58.630 | 51.540 | 47.740 |
| 5.6520 | 64.460 | 72.340 | 59.300 | 52.900 | 47.750 |
| 5.6560 | 65.080 | 72.350 | 58.860 | 52.360 | 47.890 |
| 5.6600 | 65.480 | 72.120 | 59.290 | 53.120 | 48.080 |
| 5.6640 | 65.050 | 71.770 | 59.790 | 53.510 | 46.710 |
| 5.6680 | 65.560 | 71.900 | 60.050 | 53.260 | 48.170 |
| 5.6720 | 65.460 | 71.060 | 60.400 | 53.390 | 47.990 |
| 5.6760 | 65.670 | 72.370 | 61.040 | 53.550 | 48.360 |
| 5.6800 | 66.440 | 72.930 | 60.030 | 53.730 | 47.720 |
| 5.6840 | 66.540 | 72.950 | 60.620 | 53.980 | 47.460 |
| 5.6880 | 67.000 | 73.090 | 61.630 | 54.280 | 47.380 |

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|--------|--------|--------|--------|--------|--------|
| 5.6920 | 66.530 | 73.430 | 61.810 | 54.600 | 47.800 |
| 5.6960 | 67.650 | 73.670 | 61.620 | 54.160 | 50.570 |
| 5.7000 | 66.890 | 73.580 | 61.550 | 53.350 | 53.710 |
| 5.7040 | 67.130 | 73.750 | 61.270 | 54.080 | 50.500 |
| 5.7080 | 67.100 | 74.460 | 62.820 | 54.000 | 47.320 |
| 5.7120 | 68.340 | 73.870 | 63.020 | 54.750 | 46.780 |
| 5.7160 | 68.610 | 74.950 | 62.580 | 54.990 | 46.550 |
| 5.7200 | 68.310 | 74.750 | 64.030 | 55.300 | 46.900 |
| 5.7240 | 67.820 | 75.450 | 64.160 | 56.710 | 49.630 |
| 5.7280 | 68.360 | 76.460 | 64.370 | 56.240 | 48.860 |
| 5.7320 | 69.570 | 75.310 | 64.440 | 55.650 | 47.020 |
| 5.7360 | 69.970 | 75.970 | 64.850 | 57.080 | 46.290 |
| 5.7400 | 69.650 | 76.210 | 65.220 | 57.500 | 47.550 |
| 5.7440 | 69.910 | 75.860 | 66.540 | 57.720 | 47.920 |
| 5.7480 | 70.340 | 76.350 | 65.710 | 58.210 | 47.500 |
| 5.7520 | 69.510 | 76.400 | 66.110 | 58.480 | 48.020 |
| 5.7560 | 70.050 | 76.060 | 66.410 | 59.450 | 52.230 |
| 5.7600 | 70.880 | 76.330 | 67.530 | 59.710 | 57.650 |
| 5.7640 | 70.700 | 77.870 | 68.100 | 60.670 | 53.460 |
| 5.7680 | 69.350 | 77.860 | 68.540 | 59.990 | 47.310 |
| 5.7720 | 69.230 | 77.620 | 67.960 | 59.800 | 47.300 |
| 5.7760 | 69.170 | 77.520 | 67.670 | 59.300 | 53.060 |
| 5.7800 | 69.550 | 77.260 | 67.530 | 59.280 | 55.820 |
| 5.7840 | 68.940 | 78.170 | 66.760 | 58.060 | 50.240 |
| 5.7880 | 67.000 | 78.490 | 65.860 | 55.890 | 49.260 |
| 5.7920 | 66.250 | 78.520 | 63.880 | 55.210 | 49.220 |
| 5.7960 | 66.380 | 78.480 | 63.340 | 55.060 | 49.530 |
| 5.8000 | 65.080 | 78.380 | 62.420 | 54.440 | 48.690 |
| 5.8040 | 64.310 | 78.690 | 61.020 | 53.860 | 48.180 |
| 5.8080 | 64.240 | 77.040 | 59.440 | 52.720 | 48.180 |
| 5.8120 | 64.390 | 77.280 | 58.430 | 51.380 | 48.690 |
| 5.8160 | 64.430 | 77.190 | 57.500 | 51.180 | 53.360 |
| 5.8200 | 64.240 | 76.580 | 56.550 | 51.100 | 58.870 |
| 5.8240 | 64.040 | 76.750 | 55.780 | 51.490 | 54.030 |
| 5.8280 | 64.030 | 76.520 | 54.360 | 51.730 | 48.240 |
| 5.8320 | 64.550 | 75.530 | 54.310 | 51.530 | 50.890 |
| 5.8360 | 64.330 | 75.050 | 53.820 | 51.880 | 51.180 |
| 5.8400 | 63.610 | 75.510 | 52.890 | 51.760 | 47.990 |
| 5.8440 | 64.680 | 75.580 | 52.020 | 51.390 | 47.850 |
| 5.8480 | 65.750 | 75.790 | 51.090 | 51.950 | 48.170 |
| 5.8520 | 65.400 | 74.650 | 51.440 | 51.070 | 47.460 |
| 5.8560 | 64.920 | 73.870 | 51.100 | 49.670 | 48.040 |
| 5.8600 | 64.970 | 73.830 | 51.300 | 49.770 | 47.770 |
| 5.8640 | 65.020 | 73.080 | 50.900 | 49.020 | 47.780 |
| 5.8680 | 64.610 | 73.750 | 50.940 | 49.630 | 47.780 |
| 5.8720 | 64.410 | 73.770 | 51.850 | 49.930 | 47.320 |
| 5.8760 | 63.760 | 73.690 | 51.970 | 49.890 | 46.430 |
| 5.8800 | 63.770 | 72.730 | 51.900 | 49.610 | 47.320 |
| 5.8840 | 62.250 | 74.130 | 51.900 | 49.210 | 45.320 |
| 5.8880 | 62.450 | 74.610 | 51.210 | 48.880 | 47.930 |
| 5.8920 | 62.590 | 74.630 | 52.040 | 48.640 | 48.180 |
| 5.8960 | 62.640 | 74.620 | 53.380 | 47.940 | 47.920 |
| 5.9000 | 62.310 | 74.250 | 52.770 | 48.450 | 48.110 |
| 5.9040 | 62.280 | 74.890 | 52.760 | 49.200 | 46.920 |
| 5.9080 | 62.310 | 74.690 | 52.620 | 49.080 | 47.920 |
| 5.9120 | 61.700 | 75.610 | 52.740 | 49.290 | 48.020 |
| 5.9160 | 61.670 | 76.030 | 53.590 | 48.950 | 48.630 |

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|--------|--------|--------|--------|--------|--------|
| 5.9200 | 61.210 | 75.660 | 53.400 | 49.740 | 50.650 |
| 5.9240 | 61.470 | 75.780 | 53.000 | 48.580 | 49.320 |
| 5.9280 | 61.250 | 76.100 | 53.480 | 47.910 | 47.270 |
| 5.9320 | 60.270 | 76.820 | 54.620 | 48.500 | 48.910 |
| 5.9360 | 60.770 | 77.960 | 53.660 | 49.600 | 48.980 |
| 5.9400 | 61.670 | 77.860 | 54.950 | 50.060 | 51.000 |
| 5.9440 | 62.540 | 78.490 | 55.740 | 48.640 | 54.620 |
| 5.9480 | 61.430 | 78.840 | 55.830 | 49.670 | 53.170 |
| 5.9520 | 60.360 | 79.940 | 56.410 | 49.250 | 51.870 |
| 5.9560 | 60.460 | 80.760 | 56.540 | 49.480 | 52.100 |
| 5.9600 | 60.690 | 82.410 | 56.610 | 50.450 | 54.570 |
| 5.9640 | 61.840 | 83.190 | 56.880 | 50.390 | 57.060 |
| 5.9680 | 60.960 | 83.470 | 55.900 | 50.110 | 59.740 |
| 5.9720 | 60.420 | 83.600 | 57.460 | 49.810 | 63.530 |
| 5.9760 | 61.040 | 85.040 | 57.660 | 50.660 | 67.260 |
| 5.9800 | 61.920 | 86.130 | 58.260 | 50.970 | 71.500 |
| 5.9840 | 62.840 | 87.330 | 61.820 | 50.810 | 77.950 |
| 5.9880 | 62.710 | 87.290 | 65.950 | 51.970 | 85.640 |
| 5.9920 | 63.510 | 89.350 | 76.380 | 52.330 | 97.660 |
| 5.9960 | 98.810 | 138.25 | 128.05 | 52.630 | 147.82 |
| 6.0000 | 104.89 | 144.35 | 134.17 | 52.300 | 153.97 |
| 6.0040 | 98.960 | 138.41 | 128.24 | 53.010 | 148.07 |
| 6.0080 | 63.890 | 89.600 | 77.120 | 53.580 | 98.040 |
| 6.0120 | 64.630 | 85.090 | 66.380 | 54.330 | 85.640 |
| 6.0160 | 64.260 | 83.770 | 62.220 | 54.300 | 77.960 |
| 6.0200 | 64.590 | 83.990 | 60.690 | 54.830 | 72.180 |
| 6.0240 | 63.540 | 83.800 | 59.290 | 56.510 | 66.970 |
| 6.0280 | 65.540 | 84.080 | 59.270 | 57.390 | 63.700 |
| 6.0320 | 66.070 | 84.100 | 58.720 | 56.400 | 60.030 |
| 6.0360 | 65.970 | 83.960 | 57.390 | 56.470 | 57.620 |
| 6.0400 | 66.490 | 84.490 | 56.970 | 57.360 | 54.740 |
| 6.0440 | 66.320 | 83.720 | 57.800 | 58.010 | 52.940 |
| 6.0480 | 67.230 | 83.190 | 57.810 | 58.160 | 51.510 |
| 6.0520 | 67.430 | 83.030 | 57.520 | 57.630 | 54.790 |
| 6.0560 | 68.630 | 83.350 | 56.890 | 56.570 | 57.290 |
| 6.0600 | 67.930 | 82.750 | 57.370 | 57.110 | 54.020 |
| 6.0640 | 67.440 | 82.130 | 57.340 | 56.290 | 49.510 |
| 6.0680 | 69.060 | 81.790 | 56.100 | 55.910 | 48.990 |
| 6.0720 | 68.690 | 81.380 | 55.310 | 55.910 | 48.510 |
| 6.0760 | 67.280 | 81.330 | 56.500 | 54.330 | 52.110 |
| 6.0800 | 67.010 | 82.430 | 56.360 | 53.460 | 56.280 |
| 6.0840 | 66.330 | 82.390 | 55.990 | 53.470 | 52.210 |
| 6.0880 | 66.450 | 81.790 | 55.270 | 53.660 | 47.170 |
| 6.0920 | 66.310 | 80.710 | 55.010 | 53.790 | 47.990 |
| 6.0960 | 65.850 | 80.810 | 54.760 | 53.110 | 48.320 |
| 6.1000 | 65.120 | 80.330 | 55.180 | 52.720 | 48.700 |
| 6.1040 | 65.040 | 79.770 | 55.130 | 52.200 | 48.080 |
| 6.1080 | 65.530 | 79.650 | 54.990 | 53.270 | 56.280 |
| 6.1120 | 65.600 | 80.100 | 54.600 | 53.490 | 57.220 |
| 6.1160 | 65.200 | 79.510 | 54.730 | 52.760 | 49.270 |
| 6.1200 | 65.490 | 79.510 | 54.820 | 53.200 | 51.670 |
| 6.1240 | 65.070 | 79.090 | 54.650 | 52.510 | 49.660 |
| 6.1280 | 65.160 | 78.360 | 55.520 | 52.360 | 47.220 |
| 6.1320 | 65.310 | 78.210 | 55.190 | 53.060 | 47.490 |
| 6.1360 | 65.050 | 77.420 | 55.570 | 52.610 | 47.150 |
| 6.1400 | 64.310 | 77.340 | 54.240 | 51.990 | 47.810 |
| 6.1440 | 63.430 | 76.980 | 54.500 | 52.950 | 47.960 |

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|--------|--------|--------|--------|--------|--------|
| 6.1480 | 62.590 | 77.550 | 55.680 | 52.650 | 48.070 |
| 6.1520 | 63.450 | 77.940 | 57.620 | 52.460 | 47.760 |
| 6.1560 | 63.670 | 77.310 | 58.340 | 52.160 | 48.990 |
| 6.1600 | 63.960 | 76.150 | 57.920 | 52.780 | 49.910 |
| 6.1640 | 63.090 | 75.590 | 57.200 | 52.530 | 53.200 |
| 6.1680 | 63.930 | 74.300 | 58.400 | 51.450 | 51.850 |
| 6.1720 | 65.000 | 74.220 | 59.150 | 52.480 | 47.530 |
| 6.1760 | 65.140 | 74.580 | 60.220 | 53.610 | 55.670 |
| 6.1800 | 65.690 | 74.930 | 60.460 | 52.730 | 61.860 |
| 6.1840 | 65.840 | 74.880 | 62.060 | 52.960 | 55.990 |
| 6.1880 | 65.010 | 74.030 | 63.070 | 52.980 | 46.960 |
| 6.1920 | 65.460 | 74.870 | 63.660 | 53.130 | 46.110 |
| 6.1960 | 65.700 | 75.070 | 65.090 | 53.620 | 47.280 |
| 6.2000 | 65.970 | 74.520 | 64.970 | 53.930 | 47.090 |
| 6.2040 | 66.650 | 74.190 | 65.530 | 54.190 | 46.800 |
| 6.2080 | 66.980 | 73.950 | 66.470 | 55.330 | 46.900 |
| 6.2120 | 67.890 | 74.410 | 66.660 | 55.430 | 47.460 |
| 6.2160 | 68.310 | 74.510 | 67.420 | 56.160 | 50.540 |
| 6.2200 | 68.690 | 74.990 | 67.190 | 57.110 | 55.680 |
| 6.2240 | 68.630 | 75.330 | 68.520 | 57.400 | 52.880 |
| 6.2280 | 69.920 | 74.340 | 67.890 | 57.530 | 47.660 |
| 6.2320 | 70.950 | 74.460 | 68.370 | 57.800 | 47.570 |
| 6.2360 | 70.600 | 74.510 | 68.820 | 58.970 | 52.830 |
| 6.2400 | 69.740 | 72.690 | 69.170 | 59.870 | 56.560 |
| 6.2440 | 71.040 | 72.840 | 68.370 | 59.490 | 51.070 |
| 6.2480 | 71.280 | 74.060 | 68.320 | 59.610 | 45.640 |
| 6.2520 | 70.880 | 74.590 | 68.810 | 60.310 | 47.220 |
| 6.2560 | 71.420 | 73.330 | 68.690 | 60.460 | 47.750 |
| 6.2600 | 72.020 | 73.270 | 68.840 | 61.690 | 47.510 |
| 6.2640 | 71.060 | 73.540 | 69.110 | 61.220 | 46.600 |
| 6.2680 | 70.940 | 74.610 | 69.740 | 60.390 | 46.360 |
| 6.2720 | 72.130 | 74.760 | 68.910 | 61.560 | 48.550 |
| 6.2760 | 71.100 | 73.840 | 68.690 | 62.240 | 50.290 |
| 6.2800 | 70.000 | 73.960 | 68.700 | 60.460 | 47.250 |
| 6.2840 | 70.340 | 74.740 | 67.630 | 60.060 | 47.320 |
| 6.2880 | 69.620 | 74.820 | 68.090 | 61.130 | 47.980 |
| 6.2920 | 69.150 | 74.840 | 68.250 | 61.550 | 47.340 |
| 6.2960 | 69.350 | 74.570 | 68.690 | 60.950 | 53.090 |
| 6.3000 | 70.170 | 74.800 | 68.290 | 60.430 | 58.110 |
| 6.3040 | 68.490 | 75.270 | 67.480 | 60.310 | 53.490 |
| 6.3080 | 67.190 | 75.850 | 65.970 | 59.950 | 49.210 |
| 6.3120 | 67.080 | 75.400 | 65.230 | 59.200 | 46.970 |
| 6.3160 | 67.080 | 74.940 | 65.320 | 59.010 | 47.750 |
| 6.3200 | 66.740 | 74.700 | 64.730 | 59.630 | 47.320 |
| 6.3240 | 66.390 | 74.080 | 64.310 | 59.990 | 46.910 |
| 6.3280 | 66.240 | 73.940 | 63.620 | 58.790 | 47.110 |
| 6.3320 | 65.340 | 73.560 | 62.890 | 58.500 | 48.590 |
| 6.3360 | 64.400 | 73.840 | 62.840 | 58.440 | 47.210 |
| 6.3400 | 62.720 | 73.100 | 62.060 | 58.110 | 47.610 |
| 6.3440 | 62.540 | 73.560 | 60.430 | 58.080 | 46.910 |
| 6.3480 | 62.220 | 73.730 | 59.170 | 57.990 | 47.420 |
| 6.3520 | 61.210 | 73.090 | 57.930 | 56.950 | 46.370 |
| 6.3560 | 60.380 | 74.180 | 56.570 | 56.520 | 47.460 |
| 6.3600 | 60.540 | 74.040 | 56.930 | 55.730 | 49.710 |
| 6.3640 | 60.570 | 73.550 | 56.940 | 54.950 | 48.180 |
| 6.3680 | 60.670 | 73.910 | 56.700 | 55.800 | 47.990 |
| 6.3720 | 60.830 | 73.730 | 55.520 | 55.690 | 47.280 |

| | | | | | |
|--------|--------|--------|--------|--------|--------|
| 6.3760 | 60.450 | 74.280 | 55.870 | 55.120 | 46.550 |
| 6.3800 | 60.670 | 74.490 | 55.860 | 55.160 | 46.800 |
| 6.3840 | 61.630 | 74.210 | 55.540 | 54.790 | 46.770 |
| 6.3880 | 62.010 | 73.840 | 55.740 | 53.580 | 47.900 |
| 6.3920 | 63.430 | 73.670 | 56.880 | 54.080 | 47.520 |
| 6.3960 | 63.270 | 73.060 | 58.050 | 53.940 | 50.300 |
| 6.4000 | 63.040 | 72.600 | 57.800 | 53.280 | 52.670 |

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| 13. ABSTRACT (Maximum 200 words) The objective of this study was to acquire detailed acoustic data and limited flow visualization data for numerical validation of a new model of sound absorption by a very narrow rectangular slit backed by a cavity. The sound absorption model is that being developed by Dr. C. K. W. Tam of Florida State University. This report documents normal incidence impedance measurements of a singular rectangular slit orifice with no mean flow. All impedance measurements are made within a 1.12 inch (28.5 mm) diameter impedance tube using the two-microphone method for several frequencies in the range 1000 – 6000Hz and incident sound pressure levels in the range 130 – 150 dB. In the interest of leaving the analysis of the data to the developers of more advanced analytical and computational models of sound absorption by narrow slits, the authors have refrained from giving their own explanations of the observed results, although many of the observed results can be explained using the classical understanding of sound absorption by orifices. | | | | |
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