

PHILIPS

Lighting



DigiStreet Mini

BGP761 LED-HB/740 II DM32 5200 lm

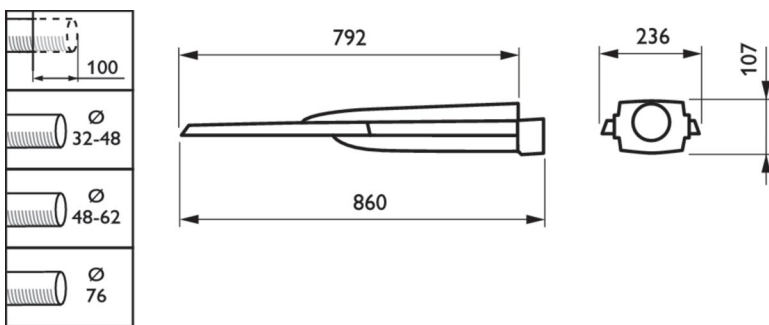
Introduction

Developed with the aim of becoming your long-term partner, the system-ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come! Its two sockets enable you to connect directly to the Philips CityTouch system and it is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. DigiStreet is also equipped with dedicated light recipes that: 1) maintain optimal ecosystems for bats or 2) preserve a dark night sky.

Product Information

| | |
|---|--|
| Product Family Code | BGP761 |
| Mechanical and Housing | |
| Housing Material | Aluminium die-cast |
| Fixation material | Stainless steel |
| Ingress protection code | IP66 |
| Mech. impact protection code | IK09 |
| Corrosion resistance | 500 hours Salt Spray Test for standard version, 1.000 hours. Salt Spray Test optional Marine Salt Protection (MSP) |
| Certification | |
| CE mark | CE mark |
| ENEC mark | ENEC mark |
| RoHS mark | - |
| WEEE mark | - |
| Protection class IEC | II |
| Service | |
| Warranty period | 5 years |
| Serviceability | Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts |
| Light source replaceable | Yes |
| Operating ambient temperature range Tamb | -40 to +50 °C |
| Performance ambient temperature (Tq) | 25 °C |
| L-Value | L90 |
| Lifetime | 100000 h |
| Surge protection | 6KV in Common or Differential mode as standard, 10KV with optional Surge Protector Device (SPD) |

Dimensional drawing(s) - mm



Light technical Report

Drivers

| | |
|-------------------------------------|---|
| Description | Xi FP 75W 0.2-0.7A SNLDAE 230V S240 sXt |
| 12NC | 929002128406 |
| Number of driver(s) | 1 |
| Number of driver per MCB 16A | 11 |
| Inrush current | 46 A |
| Inrush time | 250 μ s |
| Input Voltage | 220V-240V |
| Input Frequency | 50/60 Hz |
| Current | 325 mA |
| System power (minimum) | 31 W |
| System power (maximum) | 31 W |
| System power (average) | 31 W |
| Power consumption tolerance | +/-10% |
| Power Factor (100%) | 0.96 |
| Power Factor (50%) | 0.88 |
| Connectivity | No connectivity |
| Dimming | No dimming |

Light engine

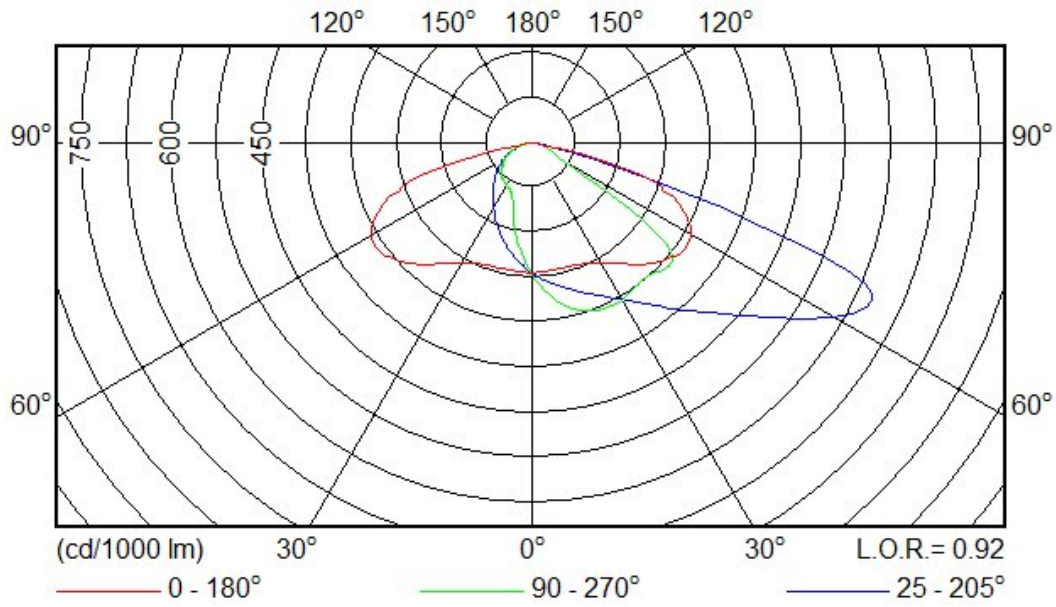
| | |
|--|---|
| Light source engine type | LED |
| Number of LED | 30 |
| Initial LED luminaire efficacy (source) | 168 lm/W |
| Initial LED luminaire efficacy (system) | 155 lm/W |
| Light source colour | 740 (Neutral White) |
| Init. colour Rendering Index | 70 |
| Init. CRI tolerance | +/-2 |
| Init. Corr. colour Temperature | 4000 K |
| Initial tolerance | +/- 180 K (5 SDCM) |
| End of life tolerance | +/- 255 K |
| Initial luminous flux (source) | 5200 lm |
| Luminous flux tolerance | +/-7% |
| Initial luminous flux (system) | 4796 lm |
| Photobiological risk | Risk group 0 (exempt) according to EN IEC 62471 |

Optics

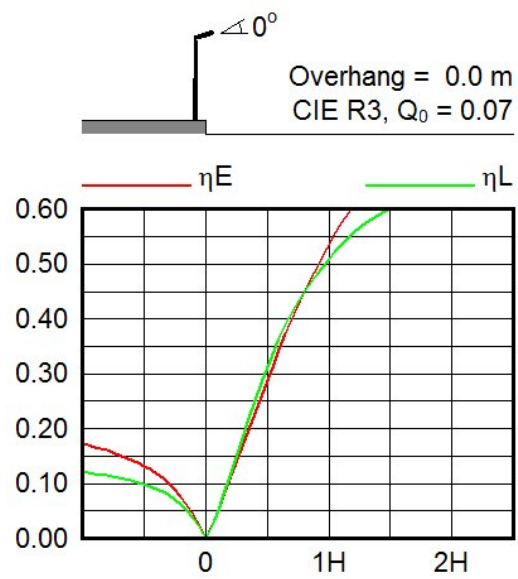
| | |
|--------------------------------|-----------------|
| Optical configuration | DM32 |
| LOR | 0.92 |
| ULR at tilt=0° | 0.00% |
| G* at tilt=0° | G*4 |
| Imax (at 90° and above) | 0 cd/klm |
| CIE code | 36 75 99 100 92 |

Photometric Graphs

Polar intensity diagram



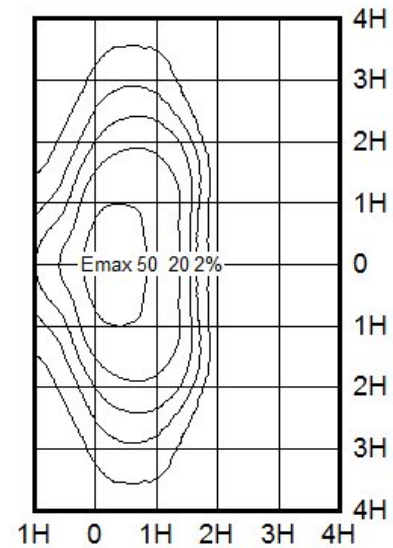
Utilisation factor curve and luminance yield diagram Relative isolux diagram



Horizontal Illuminance $\triangle 0^\circ$

| H (m) | E_{max} (lux) |
|-------|-----------------|
| 4.0 | 84 |
| 6.0 | 37 |
| 8.0 | 21 |

M.F. = 1.0



Lab Information & Certification

Lab Information

Test standards

| | |
|---------------------------------|---|
| EN 13032-4:2015 | Light and lighting. Measurement and presentation of photometric data of lamps and luminaires. Part 4: LED lamps, modules and luminaires |
| EN 13032-1:2014 | Light and lighting. Measurement and presentation of photometric data of lamps and luminaires. Part 1: Measurement and file format |
| IEC 62717:2014+AMD1:2015 | LED modules for general lighting - performance requirements |
| IES LM-79-08 | IES Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products |
| IEC / EN 62722-1:2014 | Luminaire performance - Part 1: General requirements |
| IEC / EN 62722-2-1:2014 | Luminaire performance - Part 2-1: Particular requirements for LED luminaires |

Test equipment

| | |
|--------------------------------------|--------------------------|
| LMT GO-DS 2000 Goniometer (C/G) | <input type="checkbox"/> |
| Yokogawa WT3000 power analyzer | <input type="checkbox"/> |
| Chroma 6415 programmable AC source | <input type="checkbox"/> |
| Agilent 6675A system DC power supply | <input type="checkbox"/> |
| Integrating sphere U-101-A | <input type="checkbox"/> |
| EM TEST NetWave3 AC/DC source | <input type="checkbox"/> |
| FLUKE Norma 4000 power analyzer | <input type="checkbox"/> |
| Sonopan L-100 luxmeter | <input type="checkbox"/> |
| Gigahertz X1-3 hazard lightmeter | <input type="checkbox"/> |
| Gigahertz XD-45-HB-4 Head | <input type="checkbox"/> |
| Gigahertz XD-45-HUV-4 head | <input type="checkbox"/> |

MEASUREMENT UNCERTAINTIES

| Type of test | Uncertainties |
|----------------------------|---------------|
| Luminous flux | +/- 2.2 % |
| Power | +/- 0.5 % |
| Imax | +/- 2.2 % |
| Beam angle of Imax | +/- 0.1° |
| Ambient temperature 0-50°C | +/- 0.1°C |

.....
Signed-off by
Dariusz Pierzchanowski

DISCLAIMER: This photometry report is compiled based on real measurement done in Signify Laboratories during development and release of new products and calculation data pulled from PPS web-based tool and internal data. The values present in this report may differ from real values measured for specific product, but not more than +/-10 % on power and +/- 7% on lumen.

Certification



APPENDIX TO CERTIFICATE

SMT/CTF-3/0001/3/2018

Supervised Manufacturers' Testing SMT Customer's Testing Facility CTF - Stage 3

List of products

for which the Laboratory of Quality Philips Lighting Poland Sp. z o.o. Pila O/Kętrzyn
is authorized to perform testing
for ITE PREDOM Division as a certification body in the framework
ENEC an CCA agreements and IECEE CB Scheme

| CATEGORY | PRODUCTS*) | STANDARDS**) | | |
|--------------|---|-----------------------------|-------------------------------|-------------------------------|
| | | For ENEC and CCA | For IECEE CB Scheme | For national certification |
| LITE | Fixed general purpose luminaires | EN 60598-1 EN 60598-2-1 | IEC 60598-1 IEC 60598-2-1 | EN 60598-1 EN 60598-2-1 |
| LITE | Recessed luminaires | EN 60598-1 EN 60598-2-2 | IEC 60598-1 IEC 60598-2-2 | EN 60598-1 EN 60598-2-2 |
| LITE | Luminaires for road and street lighting | EN 60598-1 EN 60598-2-3 | IEC 60598-1 IEC 60598-2-3 | EN 60598-1 EN 60598-2-3 |
| LITE | Floodlights | EN 60598-1 EN 60598-2-5 | IEC 60598-1 IEC 60598-2-5 | EN 60598-1 EN 60598-2-5 |
| LITE | Luminaires for emergency lighting | EN 60598-1 EN 60598-2-22 | IEC 60598-1 IEC 60598-2-22 | EN 60598-1 EN 60598-2-22 |
| LITE | Luminaires with limited surface temperatures | EN 60598-1 EN 60598-2-24 | IEC 60598-1 IEC 60598-2-24 | EN 60598-1 EN 60598-2-24 |
| LITE | LED modules for general lighting | EN 62031 | IEC 62031 | EN 62031 |
| LITE (ENEC+) | LED modules for general lighting | EPRS 001/ IEC 62717 | - | - |
| LITE (ENEC+) | Luminaires | EPRS 002 / IEC 62722-1 | - | - |
| LITE (ENEC+) | LED Luminaires | EPRS 003/ IEC 62722-2-1 | - | - |
| LITE | Lamp and luminaires | - | - | EN 13032-1 |
| LITE | Lamp and luminaires | - | - | EN 13032-2 |
| LITE | Lamp and luminaires | - | - | EN 13032-3 |
| LITE | LED lamps, modules and luminaires | - | - | EN 13032-4 |
| LITE | Solid-State Lighting Products | - | - | LM-79 |

*) - Name and address of manufacturing place of the products: Philips Lighting Poland Sp. z o.o. Pila, ul. Kossaka 150, O/Kętrzyn ul. Chrobrego 8, 11-400 Kętrzyn, Poland

**) - newest edition of the standards/documents

Manager of Certification Office
ITE PREDOM Division

Joanna Walczak- Zlotkowska

Deputy Director of ITE PREDOM Division

Aleksander Piotrowski

Warsaw, 2018-11-28



Instytut Technologii Elektronowej Oddział PREDOM
Institute of Electron Technology PREDOM Division
ul. Krakowiaków 53, 02-255 WARSZAWA, POLSKA - POLAND

POLSKIE CENTRUM AKREDYTACJI
POLISH CENTRE FOR ACCREDITATION



Sygnatariusz EA MLA
EA MLA Signatory

CERTYFIKAT AKREDYTACJI
LABORATORIUM BADAWCZEGO
ACCREDITATION CERTIFICATE OF TESTING LABORATORY
Nr AB 003

Potwierdza się, że: / This is to confirm that:

INSTYTUT TECHNOLOGII ELEKTRONOWEJ
Al. Lotników 32/46, 02-668 Warszawa
INSTYTUT TECHNOLOGII ELEKTRONOWEJ ODDZIAŁ PREDOM
LABORATORIUM BADAWCZE
ul. Krakowiaków 53, 02-255 Warszawa

spełnia wymagania normy PN-EN ISO/IEC 17025:2005
meets requirements of the PN-EN ISO/IEC 17025:2005 standard

Akredytowana działalność jest określona w Zakresie Akredytacji Nr AB 003
Accredited activity is defined in the Scope of Accreditation No AB 003

Akredytacja pozostaje w mocy pod warunkiem przestrzegania
wymagań jednostki akredytującej określonych w kontrakcie Nr AB 003
This accreditation remains in force provided the Laboratory observes
the requirements of Accreditation Body defined in the Contract No AB 003

Akredytacji udzielono dnia 27.04.1993 r.
Accreditation was granted on 27.04.1993



DYREKTOR
POLSKIEGO CENTRUM AKREDYTACJI


LUCYNA OLBORSKA

Warszawa, 10 grudnia 2018 roku

Intensity Table

FORMAT=PHILLUM
VERSION=2.0
STATUS=R
MCOB=LVE1708292
DATE=2017-12-18
TXTS="L-TUNE 2022-08-11"
ORIG=WLD
BRAND=PHILIPS
FAMILY=DigiStreet Mini
FAMCOD=BGP761
HOUSING=BGP761 T25
OPTICS=DM32
BLID=-
LAMP=LED-HB 5200 lm-4S L90@100kh
LAFLUX=5200
NLPS=1
LAMPCL=740
INPW=31
INVO=230
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GEOL1=0.107
GEOL2=0.236
GEOL3=0.792
OPTTYPE=3
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OPTL3=0.285
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68.00 69.00 70.00 71.00 72.00 73.00 74.00 75.00 76.00 77.00
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216.10 217.00 218.40 220.40 223.00 226.30 230.40 235.50 241.60 248.40
256.30 264.90 272.60 280.10 287.10 294.00 300.40 305.80 309.90 311.90
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311.90 325.50 339.50 353.40 366.80 380.30 396.30 413.70 433.00 452.50
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244.30 248.30 252.70 257.90 263.90 270.60 278.20 286.90 296.60 307.60
319.30 332.90 347.80 362.00 376.90 391.70 408.00 426.90 447.90 470.10
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216.50 219.90 223.20 226.30 229.50 233.10 236.70 240.60 244.60
248.60 253.00 257.90 263.70 270.20 277.20 285.20 294.20 304.60 315.80
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0.30 0.10 0.00
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565.70 575.80 584.30 590.70 595.80 598.20 596.30 586.40 563.20 519.20
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216.50 223.50 230.60 237.30 243.90 250.40 256.90 263.40 269.80
275.90 282.00 288.20 294.60 301.10 308.00 315.70 323.50 331.10 339.40
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216.50 224.40 232.30 239.80 246.90 254.10 261.00 267.80 274.40
280.60 286.80 292.90 298.80 304.90 310.80 317.00 322.90 328.80 336.80
347.60 358.40 369.90 385.50 404.60 426.70 452.10 479.30 506.40 530.60
547.80 552.40 552.70 547.80 536.00 515.10 484.50 440.70 376.90 293.90
201.40 116.90 62.30 43.60 37.50 33.80 30.50 27.00 23.30 19.60
16.60 13.50 11.10 8.80 6.90 5.10 3.70 2.50 1.40 0.60
0.30 0.10 0.00
216.50 225.10 233.30 241.20 248.80 256.30 263.50 270.40 277.00
283.50 289.80 295.70 301.50 307.10 312.80 318.20 323.30 328.50 335.60
345.30 354.80 364.70 378.40 396.20 417.60 442.60 470.10 495.90 520.00
536.00 539.30 538.20 530.40 515.00 489.80 452.90 402.30 337.80 257.00
169.70 99.20 55.50 43.00 38.00 35.20 32.20 28.50 24.50 20.90
17.60 14.60 11.80 9.40 7.30 5.50 4.00 2.80 1.70 0.80
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216.50 225.20 233.80 242.00 249.70 257.40 264.50 271.50 278.10
284.30 290.50 296.30 301.70 306.90 311.80 316.50 320.70 325.40 332.30
340.60 348.40 357.20 370.80 388.20 408.10 432.20 458.10 483.80 504.30
514.00 512.90 505.30 488.60 463.50 426.20 377.60 317.70 240.70 160.40
97.60 59.70 42.60 39.00 36.60 33.90 30.40 26.50 22.90 19.60
16.60 13.60 10.90 8.40 6.40 4.80 3.50 2.40 1.40 0.60
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216.50 225.80 234.70 243.40 251.50 259.40 267.00 274.00 280.70
287.00 293.10 298.70 303.90 308.70 313.30 317.40 320.90 324.80 330.50
337.40 343.70 351.10 362.50 378.10 397.10 418.50 442.10 465.90 484.40
491.60 487.90 476.80 456.30 426.40 384.90 332.60 269.10 196.90 127.00
79.30 53.10 41.10 39.10 36.90 34.30 30.60 26.70 23.40 20.50
17.60 14.60 11.80 9.10 6.90 5.30 4.00 2.80 1.70 0.90
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216.50 225.80 235.20 243.90 252.10 260.20 267.60 274.70 281.30
287.30 293.20 298.40 303.20 307.50 311.40 314.80 317.70 321.00 325.90
331.10 336.20 342.80 353.10 367.10 385.50 405.80 426.00 446.10 458.30
454.90 442.50 422.10 390.50 351.20 300.50 242.60 177.60 114.80 73.90
52.30 42.90 37.90 37.40 34.60 30.90 27.30 24.50 21.90 19.30
16.50 13.50 10.80 8.20 6.20 4.60 3.40 2.30 1.30 0.60
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216.50 226.50 236.10 245.20 253.90 262.20 269.90 277.10 283.70
289.90 295.60 300.60 305.10 309.20 312.80 315.80 318.10 320.60 324.10
328.10 331.90 337.30 345.30 356.50 372.60 391.90 410.90 425.10 432.00
422.40 406.30 381.10 347.40 305.60 256.60 198.50 137.20 90.50 61.30
47.50 42.50 38.40 37.50 34.30 30.60 27.70 25.60 23.20 20.60
17.80 15.20 12.30 9.10 6.80 5.00 3.70 2.50 1.50 0.80
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216.50 226.40 236.40 245.60 254.20 262.60 270.20 277.40 283.80
289.50 294.90 299.60 303.70 307.30 310.40 312.70 314.30 316.20 318.80
321.30 324.40 328.90 335.60 346.00 359.10 375.80 393.90 406.50 403.60
376.00 349.10 316.20 275.80 231.30 175.70 122.70 81.80 57.30 46.80
43.00 40.50 36.40 34.50 31.20 28.70 26.90 24.60 21.80 19.10
17.40 14.90 11.40 8.30 6.30 4.50 3.20 2.20 1.20 0.50
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216.50 227.10 237.30 246.90 256.00 264.60 272.50 279.70 286.10
291.90 297.10 301.60 305.50 309.00 311.80 313.80 315.00 316.00 317.60
319.20 321.20 324.30 329.20 337.70 348.70 361.70 373.30 379.00 373.30
342.80 315.30 280.90 241.20 195.50 143.50 96.40 65.60 51.50 46.10
43.20 40.80 36.10 34.10 31.30 29.40 26.90 23.90 20.80 18.20
16.60 15.00 12.10 8.80 6.30 4.70 3.50 2.40 1.50 0.70
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216.50 226.90 237.30 246.90 256.00 264.60 272.30 279.30 285.60
290.90 295.80 299.90 303.50 306.60 308.80 310.30 310.80 311.20 311.90
312.60 313.90 316.00 320.70 327.90 337.30 347.40 354.00 353.10 336.30
294.30 261.80 224.10 179.10 132.50 88.10 61.80 50.90 46.80 44.30
41.70 38.00 33.30 32.00 30.00 27.10 23.70 20.70 18.10 16.30
15.40 13.90 11.10 7.80 5.60 4.10 3.00 2.00 1.10 0.50
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216.50 227.50 238.20 248.20 257.70 266.50 274.50 281.50 287.70
293.30 297.90 301.90 305.30 308.20 310.40 311.50 311.70 311.40 311.30
311.50 311.90 313.00 316.50 322.00 330.00 337.90 342.00 338.60 318.80
273.40 239.90 201.70 156.90 110.40 74.50 55.70 49.30 46.80 44.80
41.80 37.90 33.40 32.60 30.30 27.20 23.70 20.80 18.20 16.10
15.00 14.00 11.90 8.90 6.50 4.80 3.50 2.40 1.40 0.70
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216.50 227.40 238.30 248.30 257.60 266.40 274.10 281.10 287.00
292.10 296.40 300.00 303.10 305.60 307.30 307.90 307.50 306.60 306.10
305.80 305.80 306.60 309.80 314.50 321.40 327.00 327.70 318.30 289.70
234.00 196.80 155.20 108.10 72.90 54.50 48.60 46.10 44.40 41.90
38.50 35.30 32.00 31.20 28.10 24.80 21.80 19.30 16.90 15.20
14.10 12.60 10.40 8.10 6.20 4.50 3.20 2.10 1.10 0.50
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216.50 227.90 239.00 249.40 259.10 268.20 276.20 283.20 289.20
294.20 298.50 302.10 305.00 307.40 309.00 309.40 308.70 307.30 306.50
305.70 305.20 305.50 307.80 311.90 318.10 322.60 322.10 311.90 281.90
222.10 184.40 140.90 97.40 66.20 52.50 48.00 45.80 44.20 41.90
38.70 36.00 32.60 31.70 28.60 25.40 22.60 20.00 17.60 15.80
14.30 12.60 10.50 8.50 6.90 5.30 3.90 2.50 1.40 0.70
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216.50 227.80 238.90 249.20 258.90 267.80 275.60 282.40 288.20
292.90 296.70 300.00 302.70 304.60 305.70 305.70 304.50 302.90 301.70
300.80 299.90 300.50 302.50 307.00 312.20 315.00 311.90 295.90 255.30
188.10 145.60 103.00 68.30 53.50 48.20 45.80 44.20 42.20 39.60
37.00 35.00 31.70 29.80 26.80 23.80 21.20 18.90 16.70 14.90
13.30 11.40 9.40 7.70 6.30 4.80 3.40 2.20 1.20 0.50
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216.50 228.30 239.70 250.40 260.40 269.70 277.70 284.60 290.40
295.30 299.20 302.30 304.90 306.60 307.60 307.50 306.20 304.40 302.90
301.90 300.80 301.00 302.60 306.60 311.50 313.90 310.70 294.40 252.40
182.20 139.30 97.20 65.40 52.50 48.60 46.30 44.60 42.60 40.10
37.80 36.30 32.80 30.80 27.50 24.70 22.00 19.60 17.40 15.50
13.80 11.90 9.90 8.10 6.70 5.20 4.00 2.60 1.50 0.70
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216.50 228.10 239.50 250.10 259.90 268.90 276.70 283.50 289.10
293.50 297.10 300.20 302.30 303.80 304.30 303.70 302.20 300.40 299.00
298.00 296.90 297.40 299.00 303.60 307.40 308.40 302.30 280.00 227.50
152.30 108.20 72.20 53.50 48.70 46.60 45.10 43.40 41.00 38.60
37.00 35.50 31.30 29.10 26.10 23.30 20.90 18.70 16.50 14.70
13.00 10.90 9.10 7.50 6.00 4.60 3.40 2.20 1.20 0.50
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216.50 228.60 240.20 251.10 261.20 270.50 278.70 285.50 291.30
295.90 299.50 302.60 304.70 306.10 306.60 306.00 304.70 303.00 301.80
301.30 300.60 301.00 302.20 306.10 309.30 310.10 304.20 282.80 231.00
153.30 109.10 73.30 54.60 49.40 47.50 46.30 44.50 42.10 39.70
37.80 36.30 32.20 30.20 27.20 24.50 21.90 19.50 17.30 15.40
13.60 11.60 9.70 7.90 6.30 4.90 3.80 2.50 1.50 0.70
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216.50 228.20 239.80 250.60 260.50 269.60 277.50 284.20 289.80
294.00 297.40 300.40 302.30 303.40 303.50 302.60 301.20 299.40 298.10
297.60 296.90 297.80 299.80 304.00 306.80 307.10 298.30 270.90 210.70
129.60 87.70 60.30 50.30 47.50 46.10 44.90 43.00 40.60 38.70
37.20 34.60 30.40 28.70 26.00 23.20 20.80 18.50 16.40 14.60

12.90 10.80 9.10 7.20 5.70 4.40 3.20 2.10 1.20 0.50
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216.50 228.70 240.40 251.40 261.70 271.10 279.30 286.10 291.90
296.30 299.90 302.90 304.90 306.00 306.20 305.20 303.60 301.60 299.90
299.00 298.10 299.10 301.60 306.60 309.80 310.30 302.40 277.00 219.00
136.20 94.10 63.50 51.70 48.10 46.30 45.20 43.30 41.00 39.40
38.20 35.70 31.10 29.60 27.00 24.40 21.80 19.30 17.20 15.30
13.60 11.70 9.60 7.80 6.20 4.90 3.60 2.40 1.40 0.70
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216.50 228.30 240.10 250.80 260.80 270.00 277.90 284.60 290.10
294.40 297.80 300.70 302.50 303.50 303.30 302.10 300.40 298.10 296.50
295.50 294.80 296.30 299.90 305.00 307.70 307.00 295.90 265.40 202.10
118.40 78.40 56.30 49.40 46.70 45.00 43.60 41.50 39.30 38.00
36.70 33.90 29.70 28.30 25.90 23.20 20.70 18.40 16.40 14.70
13.10 10.90 8.90 7.10 5.60 4.30 3.10 1.90 1.00 0.40
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216.50 228.60 240.00 250.80 260.90 269.90 277.90 284.40 289.80
294.10 297.50 300.20 302.00 302.90 302.80 301.60 299.70 297.50 295.90
294.80 294.10 296.00 299.90 305.10 307.80 306.40 294.40 262.50 197.70
112.20 74.40 54.70 49.00 46.60 45.20 43.20 40.40 38.50 37.70
36.40 33.50 29.40 28.00 25.50 22.90 20.40 18.10 16.20 14.50
12.80 10.60 8.70 6.90 5.40 4.10 3.00 1.90 1.00 0.40
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216.50 228.30 240.10 250.80 260.80 270.00 277.90 284.60 290.10
294.40 297.80 300.70 302.50 303.50 303.30 302.10 300.40 298.10 296.50
295.50 294.80 296.30 299.90 305.00 307.70 307.00 295.90 265.40 202.10
118.40 78.40 56.30 49.40 46.70 45.00 43.60 41.50 39.30 38.00
36.70 33.90 29.70 28.30 25.90 23.20 20.70 18.40 16.40 14.70
13.10 10.90 8.90 7.10 5.60 4.30 3.10 1.90 1.00 0.40
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216.50 228.70 240.40 251.40 261.70 271.10 279.30 286.10 291.90
296.30 299.90 302.90 304.90 306.00 306.20 305.20 303.60 301.60 299.90
299.00 298.10 299.10 301.60 306.60 309.80 310.30 302.40 277.00 219.00
136.20 94.10 63.50 51.70 48.10 46.30 45.20 43.30 41.00 39.40
38.20 35.70 31.10 29.60 27.00 24.40 21.80 19.30 17.20 15.30
13.60 11.70 9.60 7.80 6.20 4.90 3.60 2.40 1.40 0.70
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216.50 228.20 239.80 250.60 260.50 269.60 277.50 284.20 289.80
294.00 297.40 300.40 302.30 303.40 303.50 302.60 301.20 299.40 298.10
297.60 296.90 297.80 299.80 304.00 306.80 307.10 298.30 270.90 210.70
129.60 87.70 60.30 50.30 47.50 46.10 44.90 43.00 40.60 38.70
37.20 34.60 30.40 28.70 26.00 23.20 20.80 18.50 16.40 14.60
12.90 10.80 9.10 7.20 5.70 4.40 3.20 2.10 1.20 0.50
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216.50 228.60 240.20 251.10 261.20 270.50 278.70 285.50 291.30
295.90 299.50 302.60 304.70 306.10 306.60 306.00 304.70 303.00 301.80
301.30 300.60 301.00 302.20 306.10 309.30 310.10 304.20 282.80 231.00
153.30 109.10 73.30 54.60 49.40 47.50 46.30 44.50 42.10 39.70
37.80 36.30 32.20 30.20 27.20 24.50 21.90 19.50 17.30 15.40
13.60 11.60 9.70 7.90 6.30 4.90 3.80 2.50 1.50 0.70
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216.50 228.10 239.50 250.10 259.90 268.90 276.70 283.50 289.10
293.50 297.10 300.20 302.30 303.80 304.30 303.70 302.20 300.40 299.00
298.00 296.90 297.40 299.00 303.60 307.40 308.40 302.30 280.00 227.50
152.30 108.20 72.20 53.50 48.70 46.60 45.10 43.40 41.00 38.60
37.00 35.50 31.30 29.10 26.10 23.30 20.90 18.70 16.50 14.70
13.00 10.90 9.10 7.50 6.00 4.60 3.40 2.20 1.20 0.50
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216.50 228.30 239.70 250.40 260.40 269.70 277.70 284.60 290.40
295.30 299.20 302.30 304.90 306.60 307.60 307.50 306.20 304.40 302.90
301.90 300.80 301.00 302.60 306.60 311.50 313.90 310.70 294.40 252.40
182.20 139.30 97.20 65.40 52.50 48.60 46.30 44.60 42.60 40.10
37.80 36.30 32.80 30.80 27.50 24.70 22.00 19.60 17.40 15.50
13.80 11.90 9.90 8.10 6.70 5.20 4.00 2.60 1.50 0.70
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216.50 227.80 238.90 249.20 258.90 267.80 275.60 282.40 288.20
292.90 296.70 300.00 302.70 304.60 305.70 305.70 304.50 302.90 301.70
300.80 299.90 300.50 302.50 307.00 312.20 315.00 311.90 295.90 255.30
188.10 145.60 103.00 68.30 53.50 48.20 45.80 44.20 42.20 39.60
37.00 35.00 31.70 29.80 26.80 23.80 21.20 18.90 16.70 14.90
13.30 11.40 9.40 7.70 6.30 4.80 3.40 2.20 1.20 0.50
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216.50 227.90 239.00 249.40 259.10 268.20 276.20 283.20 289.20
294.20 298.50 302.10 305.00 307.40 309.00 309.40 308.70 307.30 306.50
305.70 305.20 305.50 307.80 311.90 318.10 322.60 322.10 311.90 281.90

222.10 184.40 140.90 97.40 66.20 52.50 48.00 45.80 44.20 41.90
38.70 36.00 32.60 31.70 28.60 25.40 22.60 20.00 17.60 15.80
14.30 12.60 10.50 8.50 6.90 5.30 3.90 2.50 1.40 0.70
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216.50 227.40 238.30 248.30 257.60 266.40 274.10 281.10 287.00
292.10 296.40 300.00 303.10 305.60 307.30 307.90 307.50 306.60 306.10
305.80 305.80 306.60 309.80 314.50 321.40 327.00 327.70 318.30 289.70
234.00 196.80 155.20 108.10 72.90 54.50 48.60 46.10 44.40 41.90
38.50 35.30 32.00 31.20 28.10 24.80 21.80 19.30 16.90 15.20
14.10 12.60 10.40 8.10 6.20 4.50 3.20 2.10 1.10 0.50
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216.50 227.50 238.20 248.20 257.70 266.50 274.50 281.50 287.70
293.30 297.90 301.90 305.30 308.20 310.40 311.50 311.70 311.40 311.30
311.50 311.90 313.00 316.50 322.00 330.00 337.90 342.00 338.60 318.80
273.40 239.90 201.70 156.90 110.40 74.50 55.70 49.30 46.80 44.80
41.80 37.90 33.40 32.60 30.30 27.20 23.70 20.80 18.20 16.10
15.00 14.00 11.90 8.90 6.50 4.80 3.50 2.40 1.40 0.70
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216.50 226.90 237.30 246.90 256.00 264.60 272.30 279.30 285.60
290.90 295.80 299.90 303.50 306.60 308.80 310.30 310.80 311.20 311.90
312.60 313.90 316.00 320.70 327.90 337.30 347.40 354.00 353.10 336.30
294.30 261.80 224.10 179.10 132.50 88.10 61.80 50.90 46.80 44.30
41.70 38.00 33.30 32.00 30.00 27.10 23.70 20.70 18.10 16.30
15.40 13.90 11.10 7.80 5.60 4.10 3.00 2.00 1.10 0.50
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216.50 227.10 237.30 246.90 256.00 264.60 272.50 279.70 286.10
291.90 297.10 301.60 305.50 309.00 311.80 313.80 315.00 316.00 317.60
319.20 321.20 324.30 329.20 337.70 348.70 361.70 373.30 379.00 373.30
342.80 315.30 280.90 241.20 195.50 143.50 96.40 65.60 51.50 46.10
43.20 40.80 36.10 34.10 31.30 29.40 26.90 23.90 20.80 18.20
16.60 15.00 12.10 8.80 6.30 4.70 3.50 2.40 1.50 0.70
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216.50 226.40 236.40 245.60 254.20 262.60 270.20 277.40 283.80
289.50 294.90 299.60 303.70 307.30 310.40 312.70 314.30 316.20 318.80
321.30 324.40 328.90 335.60 346.00 359.10 375.80 393.90 406.50 403.60
376.00 349.10 316.20 275.80 231.30 175.70 122.70 81.80 57.30 46.80
43.00 40.50 36.40 34.50 31.20 28.70 26.90 24.60 21.80 19.10
17.40 14.90 11.40 8.30 6.30 4.50 3.20 2.20 1.20 0.50
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216.50 226.50 236.10 245.20 253.90 262.20 269.90 277.10 283.70
289.90 295.60 300.60 305.10 309.20 312.80 315.80 318.10 320.60 324.10
328.10 331.90 337.30 345.30 356.50 372.60 391.90 410.90 425.10 432.00
422.40 406.30 381.10 347.40 305.60 256.60 198.50 137.20 90.50 61.30
47.50 42.50 38.40 37.50 34.30 30.60 27.70 25.60 23.20 20.60
17.80 15.20 12.30 9.10 6.80 5.00 3.70 2.50 1.50 0.80
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216.50 225.80 235.20 243.90 252.10 260.20 267.60 274.70 281.30
287.30 293.20 298.40 303.20 307.50 311.40 314.80 317.70 321.00 325.90
331.10 336.20 342.80 353.10 367.10 385.50 405.80 426.00 446.10 458.30
454.90 442.50 422.10 390.50 351.20 300.50 242.60 177.60 114.80 73.90
52.30 42.90 37.90 37.40 34.60 30.90 27.30 24.50 21.90 19.30
16.50 13.50 10.80 8.20 6.20 4.60 3.40 2.30 1.30 0.60
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216.50 225.80 234.70 243.40 251.50 259.40 267.00 274.00 280.70
287.00 293.10 298.70 303.90 308.70 313.30 317.40 320.90 324.80 330.50
337.40 343.70 351.10 362.50 378.10 397.10 418.50 442.10 465.90 484.40
491.60 487.90 476.80 456.30 426.40 384.90 332.60 269.10 196.90 127.00
79.30 53.10 41.10 39.10 36.90 34.30 30.60 26.70 23.40 20.50
17.60 14.60 11.80 9.10 6.90 5.30 4.00 2.80 1.70 0.90
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216.50 225.20 233.80 242.00 249.70 257.40 264.50 271.50 278.10
284.30 290.50 296.30 301.70 306.90 311.80 316.50 320.70 325.40 332.30
340.60 348.40 357.20 370.80 388.20 408.10 432.20 458.10 483.80 504.30
514.00 512.90 505.30 488.60 463.50 426.20 377.60 317.70 240.70 160.40
97.60 59.70 42.60 39.00 36.60 33.90 30.40 26.50 22.90 19.60
16.60 13.60 10.90 8.40 6.40 4.80 3.50 2.40 1.40 0.60
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216.50 225.10 233.30 241.20 248.80 256.30 263.50 270.40 277.00
283.50 289.80 295.70 301.50 307.10 312.80 318.20 323.30 328.50 335.60
345.30 354.80 364.70 378.40 396.20 417.60 442.60 470.10 495.90 520.00
536.00 539.30 538.20 530.40 515.00 489.80 452.90 402.30 337.80 257.00
169.70 99.20 55.50 43.00 38.00 35.20 32.20 28.50 24.50 20.90
17.60 14.60 11.80 9.40 7.30 5.50 4.00 2.80 1.70 0.80
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216.50 224.40 232.30 239.80 246.90 254.10 261.00 267.80 274.40

280.60 286.80 292.90 298.80 304.90 310.80 317.00 322.90 328.80 336.80
347.60 358.40 369.90 385.50 404.60 426.70 452.10 479.30 506.40 530.60
547.80 552.40 552.70 547.80 536.00 515.10 484.50 440.70 376.90 293.90
201.40 116.90 62.30 43.60 37.50 33.80 30.50 27.00 23.30 19.60
16.60 13.50 11.10 8.80 6.90 5.10 3.70 2.50 1.40 0.60
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216.50 224.30 231.80 238.90 245.90 252.80 259.60 266.20 272.80
279.10 285.40 291.50 297.70 304.00 310.60 317.50 324.60 331.20 338.80
350.30 362.50 375.70 391.60 409.90 431.00 455.50 483.10 511.40 537.80
558.90 566.00 570.00 570.50 566.70 556.60 539.10 510.40 465.70 398.40
305.70 199.10 108.80 60.10 42.70 36.40 32.20 28.40 24.90 21.50
18.10 15.10 12.30 10.10 8.00 6.10 4.40 2.90 1.70 0.80
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216.50 223.50 230.60 237.30 243.90 250.40 256.90 263.40 269.80
275.90 282.00 288.20 294.60 301.10 308.00 315.70 323.50 331.10 339.40
351.30 364.80 379.60 395.60 413.40 434.10 459.30 486.80 515.70 542.10
563.30 571.40 576.50 579.70 579.40 574.70 563.30 541.80 501.60 437.90
345.60 229.10 130.90 69.80 45.60 36.80 31.70 27.50 24.00 20.70
17.70 14.60 12.10 9.70 7.70 5.60 3.70 2.30 1.20 0.60
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216.50 223.40 230.10 236.50 242.80 249.00 255.30 261.60 267.80
273.90 280.10 286.20 292.50 299.20 306.50 314.60 323.00 331.60 340.50
352.50 366.60 381.60 396.60 413.90 434.70 459.00 485.80 514.10 541.50
565.70 575.80 584.30 590.70 595.80 598.20 596.30 586.40 563.20 519.20
445.30 338.30 215.00 133.30 70.60 47.10 36.90 30.60 25.80 22.00
18.60 15.60 12.90 10.50 8.20 5.90 4.00 2.50 1.50 0.80
0.30 0.10 0.00
216.50 222.70 228.90 234.90 240.60 246.50 252.40 258.50 264.60
270.40 276.40 282.50 288.90 295.90 303.30 311.70 320.70 330.00 339.90
352.90 367.50 381.70 397.00 414.80 435.50 459.60 485.50 513.20 540.10
565.30 577.10 587.30 596.30 603.40 608.50 609.30 603.00 581.50 536.90
464.50 358.10 241.10 158.90 91.60 55.00 40.90 32.10 26.00 21.20
17.40 14.10 11.50 9.00 6.90 5.00 3.40 2.20 1.30 0.60
0.30 0.10 0.00
216.50 222.50 228.30 233.80 239.30 244.80 250.40 256.10 262.00
267.80 273.50 279.50 286.00 292.90 300.50 308.80 318.00 327.80 338.40
351.70 366.40 380.70 395.40 412.60 432.80 455.70 480.90 507.20 534.80
562.10 575.30 588.00 599.70 609.50 617.50 622.30 621.90 611.50 583.40
528.20 443.10 324.70 236.20 155.90 97.60 63.20 44.60 33.70 26.30
20.90 16.60 13.20 10.40 8.10 6.00 4.20 2.70 1.60 0.80
0.30 0.10 0.00
216.50 221.80 227.10 232.10 237.20 242.30 247.50 253.10 258.60
263.90 269.60 275.50 282.00 289.00 296.70 305.10 314.40 324.70 336.00
349.70 364.40 378.80 394.40 411.50 430.70 453.20 477.50 504.20 532.00
559.80 574.20 587.60 600.40 610.60 619.00 623.60 623.30 611.90 582.80
528.70 447.00 340.30 259.10 182.80 125.50 86.40 59.70 42.20 31.80
24.80 19.10 14.90 11.30 8.50 5.70 3.70 2.10 1.10 0.50
0.30 0.10 0.00
216.50 221.50 226.30 230.90 235.60 240.30 245.20 250.20 255.40
260.60 266.00 271.70 278.00 285.00 292.60 300.90 309.90 320.10 331.70
344.90 359.50 374.50 390.10 406.60 425.00 445.80 469.10 495.10 523.00
552.00 566.60 580.70 593.80 605.20 615.10 621.80 624.30 620.00 602.40
564.80 504.90 410.80 342.00 263.20 196.50 144.80 103.70 73.80 53.70
40.10 30.40 23.00 16.70 11.30 6.70 3.80 2.10 1.20 0.70
0.30 0.10 0.00
216.50 220.90 225.20 229.30 233.40 237.80 242.30 247.00 251.80
256.60 261.80 267.30 273.40 280.50 288.00 296.40 305.50 316.00 327.80
340.70 355.50 370.80 386.70 402.90 420.20 440.40 463.10 489.10 517.00
545.30 559.60 572.80 585.30 595.50 604.60 610.40 611.70 605.50 587.50
553.40 500.30 420.30 367.30 300.30 235.00 181.30 137.90 104.60 79.20
61.30 45.10 28.80 16.10 9.00 4.90 3.00 1.70 0.90 0.40
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216.50 220.50 224.30 227.90 231.70 235.60 239.70 243.90 248.30
252.80 257.50 262.80 268.60 275.30 282.60 290.70 299.60 309.80 321.40
333.90 347.90 363.40 379.10 394.90 411.40 429.90 451.50 475.80 502.20
530.00 543.60 556.30 568.10 578.10 586.30 591.90 593.50 590.00 579.40
557.60 523.00 457.30 421.60 365.30 310.20 259.30 213.40 172.50 135.10
97.20 58.40 30.00 15.90 9.40 5.80 3.60 2.10 1.10 0.60
0.30 0.10 0.00
216.50 219.90 223.20 226.30 229.50 233.10 236.70 240.60 244.60
248.60 253.00 257.90 263.70 270.20 277.20 285.20 294.20 304.60 315.80
328.10 342.20 357.30 372.90 388.10 403.70 421.70 442.10 465.50 490.30
515.40 527.80 539.20 549.60 557.40 563.20 565.80 564.40 557.50 545.00
526.30 499.00 445.20 418.10 371.80 325.30 286.90 244.70 190.50 129.20
74.70 36.00 19.30 11.30 7.50 4.70 2.90 1.70 0.90 0.40

0.20 0.10 0.00
 216.50 219.40 222.30 224.90 227.60 230.70 233.90 237.20 240.80
 244.30 248.30 252.70 257.90 263.90 270.60 278.20 286.90 296.60 307.60
 319.30 332.90 347.80 362.00 376.90 391.70 408.00 426.90 447.90 470.10
 492.70 503.70 514.20 523.30 530.90 536.00 538.30 537.00 531.10 520.90
 506.60 488.40 445.90 432.00 393.80 356.00 319.30 269.60 205.50 134.80
 73.90 36.30 19.40 11.90 7.80 5.20 3.30 1.90 1.10 0.50
 0.30 0.10 0.00
 216.50 218.80 221.00 223.20 225.40 228.00 230.80 233.70 236.80
 239.80 243.40 247.60 252.50 258.20 264.40 271.70 280.10 290.00 300.50
 311.90 325.50 339.50 353.40 366.80 380.30 396.30 413.70 433.00 452.50
 471.40 480.50 488.70 496.20 501.60 505.20 505.80 502.90 495.70 485.10
 472.50 456.60 419.50 409.40 379.00 347.20 305.10 242.10 166.20 97.20
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 216.50 218.50 220.20 221.80 223.50 225.50 227.80 230.20 232.70
 235.40 238.40 242.00 246.20 251.30 257.00 263.70 271.50 280.50 290.50
 301.40 314.30 327.80 340.30 353.10 365.60 379.60 395.30 412.00 428.70
 444.50 451.90 458.50 464.20 468.50 471.30 472.20 470.20 465.20 457.20
 447.10 435.40 403.90 399.80 375.70 352.10 314.60 253.60 179.30 108.40
 57.20 28.40 15.60 9.50 6.20 4.20 2.80 1.70 0.90 0.50
 0.30 0.10 0.00
 216.50 217.90 219.00 220.00 221.20 222.90 224.60 226.60 228.60
 230.70 233.30 236.50 240.40 245.00 250.20 256.50 263.90 272.60 282.10
 292.50 305.00 317.10 329.10 340.50 351.80 364.80 378.40 392.70 406.20
 418.20 423.50 427.90 431.60 433.70 434.60 433.90 430.80 425.20 417.80
 409.50 399.40 371.20 366.90 348.00 324.00 279.70 219.60 146.90 82.60
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 216.50 217.40 218.00 218.50 219.20 220.20 221.40 222.80 224.20
 225.90 227.90 230.40 233.60 237.50 242.10 247.50 254.10 261.90 270.40
 280.00 291.50 302.70 313.00 323.50 333.70 344.80 356.30 367.60 378.00
 386.70 390.20 392.80 394.70 395.50 395.20 393.60 390.50 385.90 379.70
 373.00 365.00 340.80 339.80 323.20 307.60 275.00 220.90 159.10 95.40
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 216.50 216.70 216.80 216.70 216.90 217.40 218.10 218.90 219.80
 221.00 222.40 224.50 227.10 230.50 234.50 239.40 245.40 252.50 260.30
 269.10 279.40 288.90 298.20 306.90 315.60 324.70 333.30 341.50 347.90
 351.90 352.90 353.20 352.50 351.00 348.30 344.60 340.00 334.00 327.80
 321.30 313.10 290.40 287.50 274.80 258.50 225.80 175.70 122.00 67.40
 30.40 14.50 9.60 6.80 5.00 3.30 2.20 1.30 0.70 0.40
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 216.50 216.40 215.90 215.30 214.90 214.80 215.00 215.20 215.50
 216.10 217.00 218.40 220.40 223.00 226.30 230.40 235.50 241.60 248.40
 256.30 264.90 272.60 280.10 287.10 294.00 300.40 305.80 309.90 311.90
 311.20 309.70 307.50 304.40 300.50 295.60 289.90 283.50 276.80 270.00
 262.80 254.10 233.10 228.90 215.90 198.70 167.50 126.40 90.00 58.30
 27.90 13.40 9.40 7.10 5.10 3.50 2.30 1.40 0.80 0.50
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 216.50 215.70 214.70 213.50 212.60 211.90 211.50 211.10 210.80
 210.70 211.10 211.90 213.00 214.90 217.40 220.60 224.80 229.50 235.20
 241.80 248.90 254.90 260.10 265.00 269.50 273.10 275.10 275.20 273.00
 267.80 264.30 259.30 254.40 248.30 242.00 234.90 227.00 219.80 212.60
 204.40 195.90 177.00 171.50 158.30 141.30 113.40 77.90 48.00 26.40
 14.90 11.30 8.90 6.80 4.90 3.40 2.20 1.30 0.70 0.40
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 216.50 215.10 213.50 211.90 210.40 209.20 208.20 207.20 206.30
 205.60 205.30 205.40 206.00 207.10 208.70 211.00 214.00 217.80 222.10
 227.10 232.10 235.90 238.70 241.20 242.90 243.10 241.20 237.50 231.30
 222.80 217.50 211.60 205.20 198.50 191.40 184.20 177.10 170.20 163.50
 155.80 147.20 130.00 122.10 107.30 86.40 61.10 37.50 22.30 15.10
 11.90 9.80 7.80 5.90 4.30 2.80 1.80 1.10 0.60 0.40
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 216.50 214.60 212.50 210.20 208.10 206.40 204.70 203.10 201.60
 200.30 199.20 198.60 198.30 198.40 198.90 200.00 201.80 204.00 206.60
 210.00 213.10 214.80 215.40 215.60 214.80 212.30 208.10 202.40 194.70
 184.70 179.30 172.60 166.50 159.50 153.10 146.60 140.20 134.50 128.90
 121.80 114.10 99.10 90.90 75.80 58.10 39.70 25.30 17.80 13.80
 11.30 9.50 7.60 5.80 4.30 3.00 1.90 1.10 0.70 0.40
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 216.50 214.00 211.30 208.50 206.00 203.60 201.40 199.10 197.00
 195.00 193.40 191.90 190.90 190.10 189.60 189.60 190.00 190.80 191.90
 193.40 194.40 194.00 192.30 190.10 187.00 182.90 177.10 170.00 161.00
 150.60 144.90 138.90 132.80 126.80 121.00 115.40 110.20 105.00 99.40

92.90 84.80 70.80 60.70 46.80 33.60 23.80 17.70 14.30 11.90
9.90 8.20 6.40 4.90 3.60 2.40 1.60 0.90 0.60 0.40
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216.50 213.50 210.30 206.90 203.70 200.80 197.90 195.10 192.20
189.60 187.10 184.80 182.90 181.00 179.40 178.10 177.10 176.30 175.70
175.30 174.60 172.60 169.30 165.50 161.30 156.60 150.60 143.40 134.80
125.10 120.20 114.50 109.60 104.10 99.20 93.00 89.40 84.80 79.90
73.70 66.20 53.70 45.30 34.30 26.30 20.20 16.30 13.80 11.50
9.40 7.90 6.40 5.00 3.60 2.60 1.70 1.00 0.60 0.40
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216.50 212.90 209.10 205.10 201.50 197.90 194.50 191.00 187.50
184.10 180.90 177.90 175.00 172.10 169.40 166.90 164.60 162.40 160.20
158.20 155.80 152.10 147.60 143.10 138.30 133.10 126.90 119.80 111.80
103.20 98.60 94.00 89.50 85.00 80.60 76.30 72.20 67.70 62.40
55.80 48.20 37.80 31.20 24.80 20.30 16.90 14.20 12.10 10.10
8.60 7.20 5.80 4.40 3.20 2.20 1.40 0.90 0.60 0.40
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216.50 212.40 208.10 203.70 199.40 195.20 191.10 187.10 182.90
178.80 174.80 170.90 167.10 163.30 159.40 155.70 152.10 148.70 145.30
141.70 138.20 133.80 129.10 124.30 119.40 114.00 108.10 101.70 94.60
87.10 83.50 79.40 75.90 72.10 68.70 65.00 61.00 56.90 52.00
45.80 39.40 31.40 26.80 22.30 19.10 16.40 13.80 11.70 9.90
8.40 7.20 5.90 4.60 3.30 2.40 1.60 1.00 0.60 0.40
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216.50 211.90 207.00 202.00 197.20 192.50 187.80 183.00 178.20
173.40 168.70 164.00 159.30 154.50 149.70 144.90 140.20 135.80 131.20
126.70 122.30 117.70 113.00 108.30 103.30 97.90 92.10 85.90 79.70
73.40 70.40 67.40 64.30 61.30 58.20 54.80 51.40 47.10 42.20
36.60 31.00 25.30 22.60 19.60 17.10 14.80 12.80 11.00 9.40
7.90 6.60 5.40 4.20 3.00 2.10 1.40 0.90 0.50 0.40
0.30 0.30 0.00
216.50 211.30 206.10 200.50 195.10 189.80 184.50 179.10 173.80
168.20 162.80 157.20 151.90 146.30 140.50 134.80 129.30 124.00 118.70
113.60 109.00 104.50 100.10 95.60 90.80 85.60 80.10 74.60 69.20
63.90 61.50 58.70 56.30 53.60 51.00 47.90 44.60 40.90 36.50
32.20 28.60 24.20 22.30 19.70 17.50 15.40 13.40 11.60 10.00
8.30 6.90 5.60 4.40 3.30 2.30 1.50 1.00 0.60 0.40
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216.50 210.90 205.00 198.90 192.90 187.10 181.10 175.20 169.20
163.00 156.90 150.70 144.40 138.00 131.40 125.20 118.90 113.00 107.50
102.70 98.10 93.70 89.60 85.40 80.80 76.00 70.80 66.00 61.30
56.80 54.60 52.30 49.90 47.40 44.80 41.80 38.70 35.60 32.50
29.50 26.80 23.00 21.40 18.90 16.80 14.70 13.00 11.30 9.70
8.10 6.70 5.40 4.20 3.00 2.10 1.40 0.90 0.50 0.30
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216.50 210.40 204.10 197.60 191.00 184.50 178.00 171.70 165.10
158.30 151.40 144.50 137.80 130.70 123.60 116.70 110.10 104.20 99.00
94.30 90.10 85.90 82.00 78.10 74.00 69.70 65.20 61.00 56.90
52.80 50.90 48.60 46.60 44.10 41.50 39.00 36.40 34.00 31.50
28.70 26.20 22.60 21.00 18.60 16.50 14.80 13.10 11.60 10.20
8.70 7.30 6.00 4.70 3.40 2.40 1.50 0.90 0.60 0.40
0.30 0.30 0.00
216.50 210.00 203.00 195.90 188.80 181.80 174.80 167.80 160.60
153.20 145.70 138.10 130.40 122.90 115.70 108.70 102.20 96.60 91.80
87.80 83.90 80.20 76.40 72.70 68.90 65.20 61.40 57.60 53.80
50.00 48.00 45.80 43.40 41.00 38.70 36.50 34.20 31.90 29.30
26.70 24.20 20.90 19.60 17.60 15.80 14.10 12.70 11.20 9.80
8.50 7.20 5.80 4.50 3.20 2.10 1.30 0.80 0.50 0.30
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216.50 209.30 202.30 194.70 187.00 179.40 171.90 164.60 156.80
148.80 140.70 132.40 124.50 116.80 109.20 102.50 96.40 91.20 86.90
83.20 79.80 76.30 72.90 69.30 65.80 62.50 59.30 55.90 52.30
48.40 46.40 43.80 41.80 39.50 37.40 35.20 32.90 30.70 28.40
25.90 23.80 20.70 19.60 17.70 16.00 14.30 12.70 11.30 9.80
8.30 7.00 5.60 4.30 3.10 2.20 1.40 0.90 0.50 0.40
0.30 0.30 0.00
216.50 209.10 201.30 193.10 185.00 177.00 168.90 160.90 152.70
144.00 135.20 126.50 118.10 110.30 103.20 96.90 91.50 87.00 83.30
80.20 77.00 73.80 70.50 67.00 63.80 60.70 57.60 54.30 50.70
46.40 44.30 42.20 40.10 37.90 35.70 33.60 31.40 29.10 26.90
24.80 22.80 20.00 18.90 17.00 15.30 13.60 11.90 10.20 8.70
7.20 5.90 4.70 3.60 2.60 1.80 1.20 0.70 0.40 0.30
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216.50 208.40 200.40 191.90 183.20 174.70 166.30 158.00 149.20
140.00 130.70 121.50 113.20 105.50 98.60 92.90 88.10 84.20 81.00

78.00 75.10 72.10 69.00 65.70 62.60 59.50 56.40 53.30 49.50
45.40 43.50 41.20 39.30 37.20 35.20 33.00 30.80 28.90 26.80
24.80 22.90 20.20 19.10 17.20 15.50 13.70 11.90 10.50 9.00
7.50 6.20 5.00 3.80 2.80 2.00 1.40 0.90 0.50 0.30
0.30 0.30 0.00
216.50 208.10 199.50 190.40 181.30 172.40 163.40 154.50 145.10
135.40 125.60 116.30 108.00 100.70 94.70 89.70 85.60 82.20 79.40
76.90 74.10 71.10 68.00 64.90 62.00 58.80 55.70 52.10 48.20
44.30 42.20 40.10 38.10 36.00 34.00 31.90 30.00 28.10 26.20
24.40 22.50 19.90 18.80 17.00 15.30 13.60 11.90 10.30 8.80
7.30 5.90 4.70 3.50 2.50 1.80 1.10 0.70 0.40 0.30
0.30 0.30 0.00
216.50 207.60 198.80 189.30 179.70 170.40 161.10 151.90 142.00
131.70 121.60 112.20 104.20 97.30 91.60 87.20 83.70 80.80 78.30
75.80 73.20 70.30 67.50 64.50 61.50 58.30 55.10 51.50 47.70
43.70 41.80 39.60 37.70 35.60 33.70 31.90 29.90 28.20 26.50
24.60 22.90 20.30 19.40 17.60 15.90 14.10 12.30 10.90 9.40
7.80 6.40 5.00 3.80 2.80 1.90 1.20 0.80 0.40 0.30
0.30 0.30 0.00
216.50 207.30 197.80 187.90 178.00 168.30 158.50 148.60 138.20
127.50 117.20 108.10 100.40 94.30 89.50 85.80 82.70 80.20 77.80
75.50 72.80 70.00 67.20 64.40 61.20 58.00 54.40 50.80 46.90
43.00 41.00 38.90 37.00 35.00 33.20 31.40 29.60 27.80 26.10
24.40 22.70 20.20 19.20 17.40 15.70 14.00 12.30 10.70 9.10
7.60 6.10 4.70 3.50 2.50 1.70 1.10 0.70 0.40 0.20
0.20 0.30 0.00
216.50 206.80 197.30 187.10 176.70 166.60 156.50 146.40 135.60
124.40 114.10 105.00 97.90 92.20 87.80 84.40 81.80 79.40 77.30
74.90 72.30 69.70 67.00 64.20 61.00 57.70 54.10 50.60 46.80
42.80 40.80 38.80 37.00 35.10 33.50 31.70 29.90 28.20 26.60
24.80 23.30 20.50 19.60 17.90 16.20 14.40 12.80 11.30 9.70
8.00 6.50 5.00 3.70 2.70 1.90 1.20 0.70 0.40 0.30
0.20 0.20 0.00
216.50 206.50 196.30 185.60 175.00 164.60 154.10 143.10 131.80
120.60 110.40 101.90 95.40 90.50 86.80 83.90 81.40 79.30 77.10
74.80 72.40 69.80 67.10 64.20 61.00 57.30 53.80 50.30 46.30
42.40 40.50 38.60 36.80 35.10 33.40 31.70 29.90 28.30 26.60
24.80 23.00 20.40 19.40 17.60 16.00 14.30 12.80 11.00 9.30
7.50 6.00 4.60 3.40 2.50 1.60 1.00 0.60 0.40 0.20
0.20 0.20 0.00
216.50 206.10 195.90 185.00 174.00 163.20 152.40 141.40 129.80
118.10 107.90 99.70 93.70 89.20 85.70 83.10 80.80 78.80 76.70
74.50 72.20 69.80 67.00 64.30 60.90 57.30 53.80 50.20 46.50
42.70 41.00 39.10 37.60 35.80 34.10 32.40 30.70 29.10 27.40
25.40 23.60 20.90 20.00 18.30 16.60 15.00 13.30 11.60 9.70
7.90 6.30 4.90 3.70 2.70 1.90 1.20 0.70 0.40 0.30
0.20 0.20 0.00
216.50 205.90 195.00 183.60 172.40 161.40 150.10 138.30 126.30
114.70 105.00 97.70 92.20 88.40 85.50 83.10 80.90 78.80 76.80
74.80 72.60 70.10 67.30 64.50 61.00 57.40 53.70 50.10 46.40
42.90 41.20 39.50 37.80 36.20 34.50 32.90 31.20 29.40 27.50
25.70 23.90 21.20 20.40 18.60 16.90 15.20 13.30 11.40 9.40
7.50 6.00 4.60 3.50 2.50 1.60 1.00 0.60 0.40 0.20
0.20 0.20 0.00
216.50 205.50 194.60 183.10 171.40 160.20 148.70 136.90 124.50
112.70 103.10 96.00 91.10 87.50 84.80 82.50 80.50 78.30 76.40
74.50 72.50 70.10 67.50 64.80 61.10 57.50 53.90 50.40 46.70
43.30 41.70 39.90 38.40 36.70 35.20 33.50 31.80 30.00 28.30
26.30 24.60 21.90 21.30 19.50 17.80 16.10 14.10 12.20 10.20
8.30 6.60 5.10 3.80 2.80 1.90 1.10 0.70 0.40 0.20
0.20 0.20 0.00
216.50 205.30 193.80 181.90 170.20 158.60 146.60 134.20 121.60
110.10 101.10 94.80 90.40 87.30 84.90 82.90 80.70 78.70 76.80
75.10 73.10 70.60 68.10 65.00 61.30 57.80 54.10 50.40 47.00
43.70 42.00 40.30 38.50 36.90 35.10 33.40 31.60 29.70 27.90
26.10 24.40 21.80 21.00 19.30 17.60 15.80 13.90 11.90 10.00
8.20 6.60 5.00 3.70 2.70 1.70 1.00 0.60 0.30 0.20
0.20 0.20 0.00
216.50 204.90 193.40 181.40 169.40 157.60 145.40 133.00 120.20
108.50 99.70 93.50 89.50 86.60 84.30 82.30 80.20 78.30 76.70
75.00 73.00 70.70 68.30 65.20 61.60 58.00 54.40 50.80 47.70
44.30 42.70 40.80 39.20 37.30 35.60 33.90 31.90 30.00 28.20
26.40 24.70 22.10 21.30 19.50 17.70 15.80 13.80 12.00 10.30
8.50 7.00 5.60 4.20 3.10 2.10 1.30 0.70 0.40 0.20
0.20 0.20 0.00

216.50 204.70 192.80 180.40 168.20 156.20 143.60 130.50 117.60
106.40 98.30 92.80 89.20 86.60 84.60 82.60 80.60 78.80 77.40
75.80 73.80 71.50 69.10 65.60 62.20 58.40 54.70 51.30 48.30
44.90 43.20 41.40 39.50 37.70 35.80 33.90 32.00 30.00 28.10
26.40 24.70 22.10 21.10 19.20 17.20 15.30 13.30 11.40 9.70
8.00 6.60 5.10 4.00 2.80 1.80 1.00 0.50 0.30 0.20
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216.50 204.40 192.60 180.00 167.70 155.40 142.80 129.90 116.80
105.30 97.30 91.90 88.50 85.90 83.90 82.00 80.10 78.50 77.20
75.70 73.90 71.60 69.80 66.60 62.90 58.80 55.30 52.10 49.20
45.80 44.10 42.10 40.40 38.50 36.60 34.60 32.50 30.70 28.90
27.00 25.40 22.60 21.70 19.70 17.80 15.80 13.70 11.90 10.30
8.60 7.20 5.60 4.30 3.10 2.10 1.20 0.60 0.40 0.20
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216.50 204.30 191.90 179.10 166.70 154.20 141.20 127.60 114.60
103.80 96.40 91.60 88.50 86.10 84.20 82.30 80.50 79.00 77.80
76.40 74.70 72.50 70.70 67.80 64.00 60.00 56.60 53.50 50.40
46.90 45.00 43.00 41.10 39.20 37.10 35.00 33.00 31.00 29.10
27.30 25.60 22.80 21.70 19.70 17.80 15.70 13.90 12.00 10.30
8.70 6.90 5.30 4.00 2.90 1.80 1.00 0.50 0.30 0.10
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216.50 204.10 191.90 179.00 166.40 153.80 140.70 127.40 114.10
103.10 95.70 90.90 87.80 85.60 83.60 81.80 80.00 78.60 77.50
76.20 74.60 72.50 71.10 68.50 64.80 61.00 57.90 55.20 52.10
48.60 46.80 44.80 43.00 41.00 38.90 36.60 34.20 32.20 30.30
28.40 26.60 23.50 22.60 20.50 18.50 16.70 14.70 13.00 11.20
9.10 7.20 5.70 4.40 3.20 2.20 1.30 0.60 0.30 0.20
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216.50 204.10 191.30 178.20 165.60 152.80 139.40 125.40 112.40
102.10 95.30 91.00 88.10 85.90 84.00 82.20 80.50 79.20 78.20
77.00 75.20 73.20 71.70 69.00 65.30 61.90 59.30 56.70 53.60
50.00 48.10 46.30 44.50 42.30 39.80 37.40 35.00 32.90 30.90
29.00 27.10 23.90 22.80 20.70 18.70 16.90 14.90 12.70 10.40
8.40 6.90 5.50 4.30 3.00 2.00 1.00 0.50 0.30 0.10
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216.50 203.90 191.30 178.20 165.40 152.50 139.20 125.40 112.20
101.60 94.70 90.30 87.50 85.30 83.40 81.60 80.00 78.80 77.80
76.60 74.90 72.90 71.20 68.70 65.10 61.90 59.60 57.20 54.40
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8.70 7.30 5.90 4.70 3.40 2.30 1.20 0.60 0.30 0.20
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216.50 203.90 190.80 177.60 164.80 151.70 138.20 123.90 110.90
101.10 94.60 90.60 87.90 85.80 83.90 82.20 80.60 79.40 78.50
77.40 75.60 73.60 71.50 68.70 65.20 62.30 60.30 57.80 55.00
51.40 49.50 47.70 45.80 43.50 41.20 39.00 36.70 34.60 32.50
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8.50 7.00 5.60 4.20 3.00 1.90 1.00 0.50 0.30 0.10
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216.50 203.60 191.00 177.60 164.80 151.80 138.10 124.30 110.90
100.70 94.20 90.10 87.40 85.30 83.40 81.70 80.20 79.00 78.10
77.10 75.30 73.30 71.20 68.40 65.00 62.20 60.30 58.00 55.40
51.80 49.90 48.00 46.20 44.00 41.90 39.80 37.50 35.40 33.30
31.00 29.00 25.50 24.60 22.40 20.40 18.50 14.80 12.40 10.50
8.80 7.20 5.70 4.40 3.20 2.10 1.20 0.50 0.30 0.20
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216.50 203.70 190.60 177.20 164.30 151.10 137.30 122.90 109.90
100.40 94.30 90.40 87.90 85.80 84.00 82.30 80.80 79.70 78.90
77.80 76.00 73.90 71.70 68.70 65.40 62.70 60.90 58.70 55.80
52.10 50.30 48.30 46.30 44.20 42.10 39.90 37.80 35.40 33.20
30.90 28.50 25.20 24.20 22.00 20.10 17.50 14.10 11.80 10.00
8.20 6.60 5.30 4.00 2.90 1.80 0.90 0.40 0.20 0.20
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216.50 203.50 190.70 177.50 164.40 151.30 137.60 123.70 110.50
100.30 94.00 89.90 87.40 85.30 83.50 81.80 80.30 79.30 78.40
77.40 75.70 73.70 71.50 68.60 65.40 62.60 61.00 58.70 56.10
52.30 50.50 48.50 46.70 44.50 42.50 40.50 38.20 36.00 33.70
31.30 28.90 25.50 24.50 22.20 20.40 18.30 14.30 12.10 10.20
8.40 6.80 5.40 4.20 3.00 2.00 1.10 0.50 0.30 0.20
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216.50 204.00 190.90 177.60 164.80 151.70 138.30 124.10 110.70
100.60 94.10 90.00 87.30 85.20 83.50 81.80 80.30 79.20 78.30
77.40 75.70 73.80 71.50 68.80 65.60 62.70 61.20 58.90 56.40
52.70 50.70 48.90 46.90 45.00 42.90 40.90 38.60 36.30 34.10
31.70 29.30 25.70 24.70 22.60 20.60 18.70 14.80 12.30 10.40

8.60 6.90 5.60 4.30 3.20 2.20 1.30 0.50 0.30 0.20
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216.50 203.50 190.70 177.50 164.40 151.30 137.60 123.70 110.50
100.30 94.00 89.90 87.40 85.30 83.50 81.80 80.30 79.30 78.40
77.40 75.70 73.70 71.50 68.60 65.40 62.60 61.00 58.70 56.10
52.30 50.50 48.50 46.70 44.50 42.50 40.50 38.20 36.00 33.70
31.30 28.90 25.50 24.50 22.20 20.40 18.30 14.30 12.10 10.20
8.40 6.80 5.40 4.20 3.00 2.00 1.10 0.50 0.30 0.20
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216.50 203.70 190.60 177.20 164.30 151.10 137.30 122.90 109.90
100.40 94.30 90.40 87.90 85.80 84.00 82.30 80.80 79.70 78.90
77.80 76.00 73.90 71.70 68.70 65.40 62.70 60.90 58.70 55.80
52.10 50.30 48.30 46.30 44.20 42.10 39.90 37.80 35.40 33.20
30.90 28.50 25.20 24.20 22.00 20.10 17.50 14.10 11.80 10.00
8.20 6.60 5.30 4.00 2.90 1.80 0.90 0.40 0.20 0.20
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216.50 203.60 191.00 177.60 164.80 151.80 138.10 124.30 110.90
100.70 94.20 90.10 87.40 85.30 83.40 81.70 80.20 79.00 78.10
77.10 75.30 73.30 71.20 68.40 65.00 62.20 60.30 58.00 55.40
51.80 49.90 48.00 46.20 44.00 41.90 39.80 37.50 35.40 33.30
31.00 29.00 25.50 24.60 22.40 20.40 18.50 14.80 12.40 10.50
8.80 7.20 5.70 4.40 3.20 2.10 1.20 0.50 0.30 0.20
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216.50 203.90 190.80 177.60 164.80 151.70 138.20 123.90 110.90
101.10 94.60 90.60 87.90 85.80 83.90 82.20 80.60 79.40 78.50
77.40 75.60 73.60 71.50 68.70 65.20 62.30 60.30 57.80 55.00
51.40 49.50 47.70 45.80 43.50 41.20 39.00 36.70 34.60 32.50
30.50 28.40 25.10 23.90 21.80 19.70 17.70 14.60 11.90 10.00
8.50 7.00 5.60 4.20 3.00 1.90 1.00 0.50 0.30 0.10
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216.50 203.90 191.30 178.20 165.40 152.50 139.20 125.40 112.20
101.60 94.70 90.30 87.50 85.30 83.40 81.60 80.00 78.80 77.80
76.60 74.90 72.90 71.20 68.70 65.10 61.90 59.60 57.20 54.40
50.80 49.00 47.10 45.40 43.30 40.90 38.50 36.10 34.00 32.10
30.10 28.20 24.90 23.80 21.60 19.60 17.70 15.40 12.90 10.50
8.70 7.30 5.90 4.70 3.40 2.30 1.20 0.60 0.30 0.20
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216.50 204.10 191.30 178.20 165.60 152.80 139.40 125.40 112.40
102.10 95.30 91.00 88.10 85.90 84.00 82.20 80.50 79.20 78.20
77.00 75.20 73.20 71.70 69.00 65.30 61.90 59.30 56.70 53.60
50.00 48.10 46.30 44.50 42.30 39.80 37.40 35.00 32.90 30.90
29.00 27.10 23.90 22.80 20.70 18.70 16.90 14.90 12.70 10.40
8.40 6.90 5.50 4.30 3.00 2.00 1.00 0.50 0.30 0.10
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216.50 204.10 191.90 179.00 166.40 153.80 140.70 127.40 114.10
103.10 95.70 90.90 87.80 85.60 83.60 81.80 80.00 78.60 77.50
76.20 74.60 72.50 71.10 68.50 64.80 61.00 57.90 55.20 52.10
48.60 46.80 44.80 43.00 41.00 38.90 36.60 34.20 32.20 30.30
28.40 26.60 23.50 22.60 20.50 18.50 16.70 14.70 13.00 11.20
9.10 7.20 5.70 4.40 3.20 2.20 1.30 0.60 0.30 0.20
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216.50 204.30 191.90 179.10 166.70 154.20 141.20 127.60 114.60
103.80 96.40 91.60 88.50 86.10 84.20 82.30 80.50 79.00 77.80
76.40 74.70 72.50 70.70 67.80 64.00 60.00 56.60 53.50 50.40
46.90 45.00 43.00 41.10 39.20 37.10 35.00 33.00 31.00 29.10
27.30 25.60 22.80 21.70 19.70 17.80 15.70 13.90 12.00 10.30
8.70 6.90 5.30 4.00 2.90 1.80 1.00 0.50 0.30 0.10
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216.50 204.40 192.60 180.00 167.70 155.40 142.80 129.90 116.80
105.30 97.30 91.90 88.50 85.90 83.90 82.00 80.10 78.50 77.20
75.70 73.90 71.60 69.80 66.60 62.90 58.80 55.30 52.10 49.20
45.80 44.10 42.10 40.40 38.50 36.60 34.60 32.50 30.70 28.90
27.00 25.40 22.60 21.70 19.70 17.80 15.80 13.70 11.90 10.30
8.60 7.20 5.60 4.30 3.10 2.10 1.20 0.60 0.40 0.20
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216.50 204.70 192.80 180.40 168.20 156.20 143.60 130.50 117.60
106.40 98.30 92.80 89.20 86.60 84.60 82.60 80.60 78.80 77.40
75.80 73.80 71.50 69.10 65.60 62.20 58.40 54.70 51.30 48.30
44.90 43.20 41.40 39.50 37.70 35.80 33.90 32.00 30.00 28.10
26.40 24.70 22.10 21.10 19.20 17.20 15.30 13.30 11.40 9.70
8.00 6.60 5.10 4.00 2.80 1.80 1.00 0.50 0.30 0.20
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216.50 204.90 193.40 181.40 169.40 157.60 145.40 133.00 120.20
108.50 99.70 93.50 89.50 86.60 84.30 82.30 80.20 78.30 76.70
75.00 73.00 70.70 68.30 65.20 61.60 58.00 54.40 50.80 47.70

44.30 42.70 40.80 39.20 37.30 35.60 33.90 31.90 30.00 28.20
26.40 24.70 22.10 21.30 19.50 17.70 15.80 13.80 12.00 10.30
8.50 7.00 5.60 4.20 3.10 2.10 1.30 0.70 0.40 0.20
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216.50 205.30 193.80 181.90 170.20 158.60 146.60 134.20 121.60
110.10 101.10 94.80 90.40 87.30 84.90 82.90 80.70 78.70 76.80
75.10 73.10 70.60 68.10 65.00 61.30 57.80 54.10 50.40 47.00
43.70 42.00 40.30 38.50 36.90 35.10 33.40 31.60 29.70 27.90
26.10 24.40 21.80 21.00 19.30 17.60 15.80 13.90 11.90 10.00
8.20 6.60 5.00 3.70 2.70 1.70 1.00 0.60 0.30 0.20
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216.50 205.50 194.60 183.10 171.40 160.20 148.70 136.90 124.50
112.70 103.10 96.00 91.10 87.50 84.80 82.50 80.50 78.30 76.40
74.50 72.50 70.10 67.50 64.80 61.10 57.50 53.90 50.40 46.70
43.30 41.70 39.90 38.40 36.70 35.20 33.50 31.80 30.00 28.30
26.30 24.60 21.90 21.30 19.50 17.80 16.10 14.10 12.20 10.20
8.30 6.60 5.10 3.80 2.80 1.90 1.10 0.70 0.40 0.20
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216.50 205.90 195.00 183.60 172.40 161.40 150.10 138.30 126.30
114.70 105.00 97.70 92.20 88.40 85.50 83.10 80.90 78.80 76.80
74.80 72.60 70.10 67.30 64.50 61.00 57.40 53.70 50.10 46.40
42.90 41.20 39.50 37.80 36.20 34.50 32.90 31.20 29.40 27.50
25.70 23.90 21.20 20.40 18.60 16.90 15.20 13.30 11.40 9.40
7.50 6.00 4.60 3.50 2.50 1.60 1.00 0.60 0.40 0.20
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216.50 206.10 195.90 185.00 174.00 163.20 152.40 141.40 129.80
118.10 107.90 99.70 93.70 89.20 85.70 83.10 80.80 78.80 76.70
74.50 72.20 69.80 67.00 64.30 60.90 57.30 53.80 50.20 46.50
42.70 41.00 39.10 37.60 35.80 34.10 32.40 30.70 29.10 27.40
25.40 23.60 20.90 20.00 18.30 16.60 15.00 13.30 11.60 9.70
7.90 6.30 4.90 3.70 2.70 1.90 1.20 0.70 0.40 0.30
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216.50 206.50 196.30 185.60 175.00 164.60 154.10 143.10 131.80
120.60 110.40 101.90 95.40 90.50 86.80 83.90 81.40 79.30 77.10
74.80 72.40 69.80 67.10 64.20 61.00 57.30 53.80 50.30 46.30
42.40 40.50 38.60 36.80 35.10 33.40 31.70 29.90 28.30 26.60
24.80 23.00 20.40 19.40 17.60 16.00 14.30 12.80 11.00 9.30
7.50 6.00 4.60 3.40 2.50 1.60 1.00 0.60 0.40 0.20
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216.50 206.80 197.30 187.10 176.70 166.60 156.50 146.40 135.60
124.40 114.10 105.00 97.90 92.20 87.80 84.40 81.80 79.40 77.30
74.90 72.30 69.70 67.00 64.20 61.00 57.70 54.10 50.60 46.80
42.80 40.80 38.80 37.00 35.10 33.50 31.70 29.90 28.20 26.60
24.80 23.30 20.50 19.60 17.90 16.20 14.40 12.80 11.30 9.70
8.00 6.50 5.00 3.70 2.70 1.90 1.20 0.70 0.40 0.30
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216.50 207.30 197.80 187.90 178.00 168.30 158.50 148.60 138.20
127.50 117.20 108.10 100.40 94.30 89.50 85.80 82.70 80.20 77.80
75.50 72.80 70.00 67.20 64.40 61.20 58.00 54.40 50.80 46.90
43.00 41.00 38.90 37.00 35.00 33.20 31.40 29.60 27.80 26.10
24.40 22.70 20.20 19.20 17.40 15.70 14.00 12.30 10.70 9.10
7.60 6.10 4.70 3.50 2.50 1.70 1.10 0.70 0.40 0.20
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216.50 207.60 198.80 189.30 179.70 170.40 161.10 151.90 142.00
131.70 121.60 112.20 104.20 97.30 91.60 87.20 83.70 80.80 78.30
75.80 73.20 70.30 67.50 64.50 61.50 58.30 55.10 51.50 47.70
43.70 41.80 39.60 37.70 35.60 33.70 31.90 29.90 28.20 26.50
24.60 22.90 20.30 19.40 17.60 15.90 14.10 12.30 10.90 9.40
7.80 6.40 5.00 3.80 2.80 1.90 1.20 0.80 0.40 0.30
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216.50 208.10 199.50 190.40 181.30 172.40 163.40 154.50 145.10
135.40 125.60 116.30 108.00 100.70 94.70 89.70 85.60 82.20 79.40
76.90 74.10 71.10 68.00 64.90 62.00 58.80 55.70 52.10 48.20
44.30 42.20 40.10 38.10 36.00 34.00 31.90 30.00 28.10 26.20
24.40 22.50 19.90 18.80 17.00 15.30 13.60 11.90 10.30 8.80
7.30 5.90 4.70 3.50 2.50 1.80 1.10 0.70 0.40 0.30
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216.50 208.40 200.40 191.90 183.20 174.70 166.30 158.00 149.20
140.00 130.70 121.50 113.20 105.50 98.60 92.90 88.10 84.20 81.00
78.00 75.10 72.10 69.00 65.70 62.60 59.50 56.40 53.30 49.50
45.40 43.50 41.20 39.30 37.20 35.20 33.00 30.80 28.90 26.80
24.80 22.90 20.20 19.10 17.20 15.50 13.70 11.90 10.50 9.00
7.50 6.20 5.00 3.80 2.80 2.00 1.40 0.90 0.50 0.30
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216.50 209.10 201.30 193.10 185.00 177.00 168.90 160.90 152.70

144.00 135.20 126.50 118.10 110.30 103.20 96.90 91.50 87.00 83.30
80.20 77.00 73.80 70.50 67.00 63.80 60.70 57.60 54.30 50.70
46.40 44.30 42.20 40.10 37.90 35.70 33.60 31.40 29.10 26.90
24.80 22.80 20.00 18.90 17.00 15.30 13.60 11.90 10.20 8.70
7.20 5.90 4.70 3.60 2.60 1.80 1.20 0.70 0.40 0.30
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216.50 209.30 202.30 194.70 187.00 179.40 171.90 164.60 156.80
148.80 140.70 132.40 124.50 116.80 109.20 102.50 96.40 91.20 86.90
83.20 79.80 76.30 72.90 69.30 65.80 62.50 59.30 55.90 52.30
48.40 46.40 43.80 41.80 39.50 37.40 35.20 32.90 30.70 28.40
25.90 23.80 20.70 19.60 17.70 16.00 14.30 12.70 11.30 9.80
8.30 7.00 5.60 4.30 3.10 2.20 1.40 0.90 0.50 0.40
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216.50 210.00 203.00 195.90 188.80 181.80 174.80 167.80 160.60
153.20 145.70 138.10 130.40 122.90 115.70 108.70 102.20 96.60 91.80
87.80 83.90 80.20 76.40 72.70 68.90 65.20 61.40 57.60 53.80
50.00 48.00 45.80 43.40 41.00 38.70 36.50 34.20 31.90 29.30
26.70 24.20 20.90 19.60 17.60 15.80 14.10 12.70 11.20 9.80
8.50 7.20 5.80 4.50 3.20 2.10 1.30 0.80 0.50 0.30
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216.50 210.40 204.10 197.60 191.00 184.50 178.00 171.70 165.10
158.30 151.40 144.50 137.80 130.70 123.60 116.70 110.10 104.20 99.00
94.30 90.10 85.90 82.00 78.10 74.00 69.70 65.20 61.00 56.90
52.80 50.90 48.60 46.60 44.10 41.50 39.00 36.40 34.00 31.50
28.70 26.20 22.60 21.00 18.60 16.50 14.80 13.10 11.60 10.20
8.70 7.30 6.00 4.70 3.40 2.40 1.50 0.90 0.60 0.40
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216.50 210.90 205.00 198.90 192.90 187.10 181.10 175.20 169.20
163.00 156.90 150.70 144.40 138.00 131.40 125.20 118.90 113.00 107.50
102.70 98.10 93.70 89.60 85.40 80.80 76.00 70.80 66.00 61.30
56.80 54.60 52.30 49.90 47.40 44.80 41.80 38.70 35.60 32.50
29.50 26.80 23.00 21.40 18.90 16.80 14.70 13.00 11.30 9.70
8.10 6.70 5.40 4.20 3.00 2.10 1.40 0.90 0.50 0.30
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216.50 211.30 206.10 200.50 195.10 189.80 184.50 179.10 173.80
168.20 162.80 157.20 151.90 146.30 140.50 134.80 129.30 124.00 118.70
113.60 109.00 104.50 100.10 95.60 90.80 85.60 80.10 74.60 69.20
63.90 61.50 58.70 56.30 53.60 51.00 47.90 44.60 40.90 36.50
32.20 28.60 24.20 22.30 19.70 17.50 15.40 13.40 11.60 10.00
8.30 6.90 5.60 4.40 3.30 2.30 1.50 1.00 0.60 0.40
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216.50 211.90 207.00 202.00 197.20 192.50 187.80 183.00 178.20
173.40 168.70 164.00 159.30 154.50 149.70 144.90 140.20 135.80 131.20
126.70 122.30 117.70 113.00 108.30 103.30 97.90 92.10 85.90 79.70
73.40 70.40 67.40 64.30 61.30 58.20 54.80 51.40 47.10 42.20
36.60 31.00 25.30 22.60 19.60 17.10 14.80 12.80 11.00 9.40
7.90 6.60 5.40 4.20 3.00 2.10 1.40 0.90 0.50 0.40
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216.50 212.40 208.10 203.70 199.40 195.20 191.10 187.10 182.90
178.80 174.80 170.90 167.10 163.30 159.40 155.70 152.10 148.70 145.30
141.70 138.20 133.80 129.10 124.30 119.40 114.00 108.10 101.70 94.60
87.10 83.50 79.40 75.90 72.10 68.70 65.00 61.00 56.90 52.00
45.80 39.40 31.40 26.80 22.30 19.10 16.40 13.80 11.70 9.90
8.40 7.20 5.90 4.60 3.30 2.40 1.60 1.00 0.60 0.40
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216.50 212.90 209.10 205.10 201.50 197.90 194.50 191.00 187.50
184.10 180.90 177.90 175.00 172.10 169.40 166.90 164.60 162.40 160.20
158.20 155.80 152.10 147.60 143.10 138.30 133.10 126.90 119.80 111.80
103.20 98.60 94.00 89.50 85.00 80.60 76.30 72.20 67.70 62.40
55.80 48.20 37.80 31.20 24.80 20.30 16.90 14.20 12.10 10.10
8.60 7.20 5.80 4.40 3.20 2.20 1.40 0.90 0.60 0.40
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216.50 213.50 210.30 206.90 203.70 200.80 197.90 195.10 192.20
189.60 187.10 184.80 182.90 181.00 179.40 178.10 177.10 176.30 175.70
175.30 174.60 172.60 169.30 165.50 161.30 156.60 150.60 143.40 134.80
125.10 120.20 114.50 109.60 104.10 99.20 93.00 89.40 84.80 79.90
73.70 66.20 53.70 45.30 34.30 26.30 20.20 16.30 13.80 11.50
9.40 7.90 6.40 5.00 3.60 2.60 1.70 1.00 0.60 0.40
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195.00 193.40 191.90 190.90 190.10 189.60 189.60 190.00 190.80 191.90
193.40 194.40 194.00 192.30 190.10 187.00 182.90 177.10 170.00 161.00
150.60 144.90 138.90 132.80 126.80 121.00 115.40 110.20 105.00 99.40
92.90 84.80 70.80 60.70 46.80 33.60 23.80 17.70 14.30 11.90
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 184.70 179.30 172.60 166.50 159.50 153.10 146.60 140.20 134.50 128.90
 121.80 114.10 99.10 90.90 75.80 58.10 39.70 25.30 17.80 13.80
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 227.10 232.10 235.90 238.70 241.20 242.90 243.10 241.20 237.50 231.30
 222.80 217.50 211.60 205.20 198.50 191.40 184.20 177.10 170.20 163.50
 155.80 147.20 130.00 122.10 107.30 86.40 61.10 37.50 22.30 15.10
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 241.80 248.90 254.90 260.10 265.00 269.50 273.10 275.10 275.20 273.00
 267.80 264.30 259.30 254.40 248.30 242.00 234.90 227.00 219.80 212.60
 204.40 195.90 177.00 171.50 158.30 141.30 113.40 77.90 48.00 26.40
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 256.30 264.90 272.60 280.10 287.10 294.00 300.40 305.80 309.90 311.90
 311.20 309.70 307.50 304.40 300.50 295.60 289.90 283.50 276.80 270.00
 262.80 254.10 233.10 228.90 215.90 198.70 167.50 126.40 90.00 58.30
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