#### Lampiran 7. Uji Validitas dan Uji Reabilitas X1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| X1.1 | 24.7010 | 10.774 | .466 | .799 |
| X1.2 | 24.7320 | 10.282 | .613 | .775 |
| X1.3 | 24.8351 | 10.577 | .481 | .797 |
| X1.4 | 24.4948 | 10.544 | .648 | .773 |
| X1.5 | 25.2268 | 9.219 | .616 | .774 |
| X1.6 | 24.9794 | 9.395 | .654 | .765 |
| X1.7 | 24.4742 | 11.169 | .390 | .811 |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .811 | 7 |

#### Lampiran 8. Uji Validitas dan Uji Reabilitas X2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| X2.1 | 32.4948 | 12.794 | .438 | .748 |
| X2.2 | 32.4433 | 13.291 | .396 | .754 |
| X2.3 | 33.1134 | 13.247 | .195 | .795 |
| X2.4 | 32.6289 | 13.340 | .358 | .758 |
| X2.5 | 32.8247 | 12.167 | .481 | .741 |
| X2.6 | 32.7423 | 11.777 | .544 | .730 |
| X2.7 | 32.6289 | 12.486 | .538 | .734 |
| X2.8 | 32.6598 | 12.477 | .543 | .733 |
| X2.9 | 32.4845 | 11.544 | .650 | .714 |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .768 | 9 |

#### Lampiran 9. Uji Validitas dan Uji Reabilitas Y

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item-Total Statistics** | | | | |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| Y1 | 9.4021 | 5.743 | .418 | .658 |
| Y2 | 10.5052 | 4.857 | .486 | .615 |
| Y3 | 9.8557 | 5.208 | .429 | .652 |
| Y4 | 9.7938 | 4.540 | .564 | .561 |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .689 | 4 |

#### Lampiran 10. Uji Koefisien Relasi, Koefisien Determinasi, Regresi Linear Sederhana dan Uji t Product Attributes Terhadap Keputusan Pembelian

**Hasil Uji Koefisien Relasi dan Koefisien Determinasi**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summary** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .426a | .181 | .172 | 2.60409 |
| a. Predictors: (Constant), Product\_Attributes\_X1 | | | | |

**Hasil Uji Regresi Linear Sederhana**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | |
| B | Std. Error | Beta |  |  | |
| 1 | (Constant) | 3.625 | 2.103 |  | 1.724 | .088 | |
| Product\_Attributes\_X1 | .331 | .072 | .426 | 4.583 | .000 | |
| a. Dependent Variable: Keputusan\_Pembelian\_Y | | | | | | | | |

#### Lampiran 11. Uji Koefisien Relasi, Koefisien Determinasi, Regresi Linear Sederhana dan Uji t Citra Merek Terhadap Keputusan Pembelian

**Hasil Uji Koefisien Relasi dan Koefisien Determinasi**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summary** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate |
| 1 | .461a | .212 | .204 | 2.55387 |
| a. Predictors: (Constant), Citra\_Merek\_X2 | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hasil Uji Regresi Linear Sederhana**   |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Coefficientsa** | | | | | | | | | | | | Model | | Unstandardized Coefficients | | | Standardized Coefficients | | t | | Sig. | | | B | Std. Error | Beta | |  | |  | | | 1 | (Constant) | .827 | 2.456 |  | | .337 | | .737 | | | Citra\_Merek\_X2 | .336 | .066 | .461 | | 5.061 | | .000 | | | a. Dependent Variable: Keputusan\_Pembelian\_Y | | | | | | | | | | | |

#### Lampiran 12. Uji Koefisien Relasi, Koefisien Determinasi, dan Regresi Linear Berganda dan Uji F Product Attributes dan Citra Merek Terhadap Keputusan Pembelian

**Hasil Uji Koefisien Relasi dan Koefisien Determinasi**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Model Summary** | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | |
| 1 | .480a | .231 | .214 | 2.53726 | |
| a. Predictors: (Constant), Citra\_Merek\_X2, Product\_Attributes\_X1 | | | | | |

**Hasil Uji Regresi Linear Berganda**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | | | | | |
| Model | | Unstandardized Coefficients | | | Standardized Coefficients | | t | | Sig. |
| B | Std. Error | Beta | |  | |  | |
| 1 | (Constant) | .205 | 2.475 |  | | .083 | | .934 | |
| Product\_Attributes\_X1 | .152 | .101 | .195 | | 1.499 | | .137 | |
| Citra\_Merek\_X2 | .234 | .095 | .321 | | 2.464 | | .016 | |
| a. Dependent Variable: Keputusan\_Pembelian\_Y | | | | | | | | | |

**Hasil Uji F**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 181.516 | 2 | 90.758 | 14.098 | .000b |
| Residual | 605.144 | 94 | 6.438 |  |  |
| Total | 786.660 | 96 |  |  |  |
| a. Dependent Variable: Keputusan\_Pembelian\_Y | | | | | | |
| b. Predictors: (Constant), Citra\_Merek\_X2, Product\_Attributes\_X1 | | | | | | |

#### Lampiran 13. Hasil Uji Asumsi Klasik

**Uji Normalitas**

|  |  |  |
| --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | |
|  | | Unstandardized Residual |
| N | | 97 |
| Normal Parametersa,b | Mean | .0000000 |
| Std. Deviation | 2.51069418 |
| Most Extreme Differences | Absolute | .054 |
| Positive | .026 |
| Negative | -.054 |
| Test Statistic | | .054 |
| Asymp. Sig. (2-tailed) | | .200c,d |
| a. Test distribution is Normal. | | |
| b. Calculated from data. | | |
| c. Lilliefors Significance Correction. | | |
| d. This is a lower bound of the true significance. | | |

**Uji Heteroskedastisitas**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 6.937 | 1.358 |  | 5.108 | .000 |
| Product\_Attributes\_X1 | -.107 | .055 | -.265 | -1.926 | .057 |
| Citra\_Merek\_X2 | -.050 | .052 | -.132 | -.957 | .341 |
| a. Dependent Variable: ABS\_RES | | | | | | |

**Uji Multikolonieritas**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. | Collinearity Statistics | |
| B | Std. Error | Beta | Tolerance | VIF |
| 1 | (Constant) | .205 | 2.475 |  | .083 | .934 |  |  |
| Product\_Attributes\_X1 | .152 | .101 | .195 | 1.499 | .137 | .483 | 2.069 |
| Citra\_Merek\_X2 | .234 | .095 | .321 | 2.464 | .016 | .483 | 2.069 |
| a. Dependent Variable: Keputusan\_Pembelian\_Y | | | | | | | | |

#### Lampiran 14. Tabel r (Signifikansi 5%)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **df** | **Tabel r One Tail** | **Tabel r Two Tail** | **Df** | **Tabel r One Tail** | **Tabel r Two Tail** | **df** | **Tabel r One Tail** | **Tabel r Two Tail** |
| **1** | 0,9877 | 0,9969 | **38** | 0,2638 | 0,3120 | **75** | 0,1888 | 0,2242 |
| **2** | 0,9000 | 0,9500 | **39** | 0,2605 | 0,3081 | **76** | 0,1876 | 0,2227 |
| **3** | 0,8054 | 0,8783 | **40** | 0,2573 | 0,3044 | **77** | 0,1864 | 0,2213 |
| **4** | 0,7293 | 0,8114 | **41** | 0,2542 | 0,3008 | **78** | 0,1852 | 0,2199 |
| **5** | 0,6694 | 0,7545 | **42** | 0,2512 | 0,2973 | **79** | 0,1841 | 0,2185 |
| **6** | 0,6215 | 0,7067 | **43** | 0,2483 | 0,2940 | **80** | 0,1829 | 0,2172 |
| **7** | 0,5822 | 0,6664 | **44** | 0,2455 | 0,2907 | **81** | 0,1818 | 0,2159 |
| **8** | 0,5494 | 0,6319 | **45** | 0,2429 | 0,2876 | **82** | 0,1807 | 0,2146 |
| **9** | 0,5214 | 0,6021 | **46** | 0,2403 | 0,2845 | **83** | 0,1796 | 0,2133 |
| **10** | 0,4973 | 0,5760 | **47** | 0,2377 | 0,2816 | **84** | 0,1786 | 0,2120 |
| **11** | 0,4762 | 0,5529 | **48** | 0,2353 | 0,2787 | **85** | 0,1775 | 0,2108 |
| **12** | 0,4575 | 0,5324 | **49** | 0,2329 | 0,2759 | **86** | 0,1765 | 0,2096 |
| **13** | 0,4409 | 0,5140 | **50** | 0,2306 | 0,2732 | **87** | 0,1755 | 0,2084 |
| **14** | 0,4259 | 0,4973 | **51** | 0,2284 | 0,2706 | **88** | 0,1745 | 0,2072 |
| **15** | 0,4124 | 0,4821 | **52** | 0,2262 | 0,2681 | **89** | 0,1735 | 0,2061 |
| **16** | 0,4000 | 0,4683 | **53** | 0,2241 | 0,2656 | **90** | 0,1726 | 0,2050 |
| **17** | 0,3887 | 0,4555 | **54** | 0,2221 | 0,2632 | **91** | 0,1716 | 0,2039 |
| **18** | 0,3783 | 0,4438 | **55** | 0,2201 | 0,2609 | **92** | 0,1707 | 0,2028 |
| **19** | 0,3687 | 0,4329 | **56** | 0,2181 | 0,2586 | **93** | 0,1698 | 0,2017 |
| **20** | 0,3598 | 0,4227 | **57** | 0,2162 | 0,2564 | **94** | 0,1689 | 0,2006 |
| **21** | 0,3515 | 0,4132 | **58** | 0,2144 | 0,2542 | **95** | 0,1680 | 0,1996 |
| **22** | 0,3438 | 0,4044 | **59** | 0,2126 | 0,2521 | **96** | 0,1671 | 0,1986 |
| **23** | 0,3365 | 0,3961 | **60** | 0,2108 | 0,2500 | **97** | **0,1663** | 0,1975 |
| **24** | 0,3297 | 0,3882 | **61** | 0,2091 | 0,2480 | **98** | 0,1654 | 0,1966 |
| **25** | 0,3233 | 0,3809 | **62** | 0,2075 | 0,2461 | **99** | 0,1646 | 0,1956 |
| **26** | 0,3172 | 0,3739 | **63** | 0,2058 | 0,2441 | **100** | 0,1638 | 0,1946 |
| **27** | 0,3115 | 0,3673 | **64** | 0,2042 | 0,2423 | **101** | 0,1630 | 0,1937 |
| **28** | 0,3061 | 0,3610 | **65** | 0,2027 | 0,2404 | **102** | 0,1622 | 0,1927 |
| **29** | 0,3009 | 0,3550 | **66** | 0,2012 | 0,2387 | **103** | 0,1614 | 0,1918 |
| **30** | 0,2960 | 0,3494 | **67** | 0,1997 | 0,2369 | **104** | 0,1606 | 0,1909 |
| **31** | 0,2913 | 0,3440 | **68** | 0,1982 | 0,2352 | **105** | 0,1599 | 0,1900 |
| **32** | 0,2869 | 0,3388 | **69** | 0,1968 | 0,2335 | **106** | 0,1591 | 0,1891 |
| **33** | 0,2826 | 0,3338 | **70** | 0,1954 | 0,2319 | **107** | 0,1584 | 0,1882 |
| **34** | 0,2785 | 0,3291 | **71** | 0,1940 | 0,2303 | **108** | 0,1576 | 0,1874 |
| **35** | 0,2746 | 0,3246 | **72** | 0,1927 | 0,2287 | **109** | 0,1569 | 0,1865 |
| **36** | 0,2709 | 0,3202 | **73** | 0,1914 | 0,2272 | **110** | 0,1562 | 0,1857 |
| **37** | 0,2673 | 0,3160 | **74** | 0,1901 | 0,2257 | **111** | 0,1555 | 0,1848 |

#### Lampiran 15. Tabel t (Signifikansi 5%)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **df** | **Tabel r One Tail** | **Tabel r Two Tail** | **Df** | **Tabel r One Tail** | **Tabel r Two Tail** | **df** | **Tabel r One Tail** | **Tabel r Two Tail** |
| **1** | 6.31375 | 12.70620 | **38** | 1.68595 | 2.02439 | **75** | 1.66543 | 1.99210 |
| **2** | 2.91999 | 4.30265 | **39** | 1.68488 | 2.02269 | **76** | 1.66515 | 1.99167 |
| **3** | 2.35336 | 3.18245 | **40** | 1.68385 | 2.02108 | **77** | 1.66488 | 1.99125 |
| **4** | 2.13185 | 2.77645 | **41** | 0,2542 | 2.01954 | **78** | 1.66462 | 1.99085 |
| **5** | 2.01505 | 2.57058 | **42** | 0,2512 | 2.01808 | **79** | 1.66437 | 1.99045 |
| **6** | 1.94318 | 2.44691 | **43** | 0,2483 | 2.01669 | **80** | 1.66412 | 1.99006 |
| **7** | 1.89458 | 2.36462 | **44** | 0,2455 | 2.01537 | **81** | 1.66388 | 1.98969 |
| **8** | 1.85955 | 2.30600 | **45** | 0,2429 | 2.01410 | **82** | 1.66365 | 1.98932 |
| **9** | 1.83311 | 2.26216 | **46** | 0,2403 | 2.01290 | **83** | 1.66342 | 1.98896 |
| **10** | 1.81246 | 2.22814 | **47** | 0,2377 | 2.01174 | **84** | 1.66320 | 1.98861 |
| **11** | 1.79588 | 2.20099 | **48** | 0,2353 | 2.01063 | **85** | 1.66298 | 1.98827 |
| **12** | 1.78229 | 2.17881 | **49** | 0,2329 | 2.00958 | **86** | 1.66277 | 1.98793 |
| **13** | 1.77093 | 2.16037 | **50** | 0,2306 | 2.00856 | **87** | 1.66256 | 1.98761 |
| **14** | 1.76131 | 2.14479 | **51** | 0,2284 | 2.00758 | **88** | 1.66235 | 1.98729 |
| **15** | 1.75305 | 2.13145 | **52** | 0,2262 | 2.00665 | **89** | 1.66216 | 1.98698 |
| **16** | 1.74588 | 2.11991 | **53** | 0,2241 | 2.00575 | **90** | 1.66196 | 1.98667 |
| **17** | 1.73961 | 2.10982 | **54** | 0,2221 | 2.00488 | **91** | 1.66177 | 1.98638 |
| **18** | 1.73406 | 2.10092 | **55** | 0,2201 | 2.00404 | **92** | 1.66159 | 1.98609 |
| **19** | 1.72913 | 2.09302 | **56** | 0,2181 | 2.00324 | **93** | 1.66140 | 1.98580 |
| **20** | 1.72472 | 2.08596 | **57** | 0,2162 | 2.00247 | **94** | 1.66123 | 1.98552 |
| **21** | 1.72074 | 2.07961 | **58** | 0,2144 | 2.00172 | **95** | 1.66105 | 1.98525 |
| **22** | 1.71714 | 2.07387 | **59** | 0,2126 | 2.00100 | **96** | **1.66088** | 1.98498 |
| **23** | 1.71387 | 2.06866 | **60** | 0,2108 | 2.00030 | **97** | 1.66071 | 1.98472 |
| **24** | 1.71088 | 2.06390 | **61** | 0,2091 | 1.99962 | **98** | 1.66055 | 1.98447 |
| **25** | 1.70814 | 2.05954 | **62** | 0,2075 | 1.99897 | **99** | 1.66039 | 1.98422 |
| **26** | 1.70562 | 2.05553 | **63** | 0,2058 | 1.99834 | **100** | 1.66023 | 1.98397 |
| **27** | 1.70329 | 2.05183 | **64** | 0,2042 | 1.99773 | **101** | 1.66008 | 1.98373 |
| **28** | 1.70113 | 2.04841 | **65** | 0,2027 | 1.99714 | **102** | 1.65993 | 1.98350 |
| **29** | 1.69913 | 2.04523 | **66** | 0,2012 | 1.99656 | **103** | 1.65978 | 1.98326 |
| **30** | 1.69726 | 2.04227 | **67** | 0,1997 | 1.99601 | **104** | 1.65964 | 1.98304 |
| **31** | 1.69552 | 2.03951 | **68** | 0,1982 | 1.99547 | **105** | 1.65950 | 1.98282 |
| **32** | 1.69389 | 2.03693 | **69** | 0,1968 | 1.99495 | **106** | 1.65936 | 1.98260 |
| **33** | 1.69236 | 2.03452 | **70** | 0,1954 | 1.99444 | **107** | 1.65922 | 1.98238 |
| **34** | 1.69092 | 2.03224 | **71** | 0,1940 | 1.99394 | **108** | 1.65909 | 1.98217 |
| **35** | 1.68957 | 2.03011 | **72** | 0,1927 | 1.99346 | **109** | 1.65895 | 1.98197 |
| **36** | 1.68830 | 2.02809 | **73** | 0,1914 | 1.99300 | **110** | 1.65882 | 1.98177 |
| **37** | 1.68709 | 2.02619 | **74** | 0,1901 | 1.99254 | **111** | 1.65870 | 1.98157 |

#### Lampiran 16. Tabel F (Signifikansi 5%)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **df untuk**  **penyebut (N2)** | **df untuk pembilang (N1)** | | | | | | | | | | | | | | | |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** |
| **1** | 161 | 199 | 216 | 225 | 230 | 234 | 237 | 239 | 241 | 242 | 243 | 244 | 245 | 245 | 246 |
| **2** | 18.51 | 19.00 | 19.16 | 19.25 | 19.30 | 19.33 | 19.35 | 19.37 | 19.38 | 19.40 | 19.40 | 19.41 | 19.42 | 19.42 | 19.43 |
| **3** | 10.13 | 9.55 | 9.28 | 9.12 | 9.01 | 8.94 | 8.89 | 8.85 | 8.81 | 8.79 | 8.76 | 8.74 | 8.73 | 8.71 | 8.70 |
| **4** | 7.71 | 6.94 | 6.59 | 6.39 | 6.26 | 6.16 | 6.09 | 6.04 | 6.00 | 5.96 | 5.94 | 5.91 | 5.89 | 5.87 | 5.86 |
| **5** | 6.61 | 5.79 | 5.41 | 5.19 | 5.05 | 4.95 | 4.88 | 4.82 | 4.77 | 4.74 | 4.70 | 4.68 | 4.66 | 4.64 | 4.62 |
| **6** | 5.99 | 5.14 | 4.76 | 4.53 | 4.39 | 4.28 | 4.21 | 4.15 | 4.10 | 4.06 | 4.03 | 4.00 | 3.98 | 3.96 | 3.94 |
| **7** | 5.59 | 4.74 | 4.35 | 4.12 | 3.97 | 3.87 | 3.79 | 3.73 | 3.68 | 3.64 | 3.60 | 3.57 | 3.55 | 3.53 | 3.51 |
| **8** | 5.32 | 4.46 | 4.07 | 3.84 | 3.69 | 3.58 | 3.50 | 3.44 | 3.39 | 3.35 | 3.31 | 3.28 | 3.26 | 3.24 | 3.22 |
| **9** | 5.12 | 4.26 | 3.86 | 3.63 | 3.48 | 3.37 | 3.29 | 3.23 | 3.18 | 3.14 | 3.10 | 3.07 | 3.05 | 3.03 | 3.01 |
| **10** | 4.96 | 4.10 | 3.71 | 3.48 | 3.33 | 3.22 | 3.14 | 3.07 | 3.02 | 2.98 | 2.94 | 2.91 | 2.89 | 2.86 | 2.85 |
| **11** | 4.84 | 3.98 | 3.59 | 3.36 | 3.20 | 3.09 | 3.01 | 2.95 | 2.90 | 2.85 | 2.82 | 2.79 | 2.76 | 2.74 | 2.72 |
| **12** | 4.75 | 3.89 | 3.49 | 3.26 | 3.11 | 3.00 | 2.91 | 2.85 | 2.80 | 2.75 | 2.72 | 2.69 | 2.66 | 2.64 | 2.62 |
| **13** | 4.67 | 3.81 | 3.41 | 3.18 | 3.03 | 2.92 | 2.83 | 2.77 | 2.71 | 2.67 | 2.63 | 2.60 | 2.58 | 2.55 | 2.53 |
| **14** | 4.60 | 3.74 | 3.34 | 3.11 | 2.96 | 2.85 | 2.76 | 2.70 | 2.65 | 2.60 | 2.57 | 2.53 | 2.51 | 2.48 | 2.46 |
| **15** | 4.54 | 3.68 | 3.29 | 3.06 | 2.90 | 2.79 | 2.71 | 2.64 | 2.59 | 2.54 | 2.51 | 2.48 | 2.45 | 2.42 | 2.40 |
| **16** | 4.49 | 3.63 | 3.24 | 3.01 | 2.85 | 2.74 | 2.66 | 2.59 | 2.54 | 2.49 | 2.46 | 2.42 | 2.40 | 2.37 | 2.35 |
| **17** | 4.45 | 3.59 | 3.20 | 2.96 | 2.81 | 2.70 | 2.61 | 2.55 | 2.49 | 2.45 | 2.41 | 2.38 | 2.35 | 2.33 | 2.31 |
| **18** | 4.41 | 3.55 | 3.16 | 2.93 | 2.77 | 2.66 | 2.58 | 2.51 | 2.46 | 2.41 | 2.37 | 2.34 | 2.31 | 2.29 | 2.27 |
| **19** | 4.38 | 3.52 | 3.13 | 2.90 | 2.74 | 2.63 | 2.54 | 2.48 | 2.42 | 2.38 | 2.34 | 2.31 | 2.28 | 2.26 | 2.23 |
| **20** | 4.35 | 3.49 | 3.10 | 2.87 | 2.71 | 2.60 | 2.51 | 2.45 | 2.39 | 2.35 | 2.31 | 2.28 | 2.25 | 2.22 | 2.20 |
| **21** | 4.32 | 3.47 | 3.07 | 2.84 | 2.68 | 2.57 | 2.49 | 2.42 | 2.37 | 2.32 | 2.28 | 2.25 | 2.22 | 2.20 | 2.18 |
| **22** | 4.30 | 3.44 | 3.05 | 2.82 | 2.66 | 2.55 | 2.46 | 2.40 | 2.34 | 2.30 | 2.26 | 2.23 | 2.20 | 2.17 | 2.15 |
| **23** | 4.28 | 3.42 | 3.03 | 2.80 | 2.64 | 2.53 | 2.44 | 2.37 | 2.32 | 2.27 | 2.24 | 2.20 | 2.18 | 2.15 | 2.13 |
| **24** | 4.26 | 3.40 | 3.01 | 2.78 | 2.62 | 2.51 | 2.42 | 2.36 | 2.30 | 2.25 | 2.22 | 2.18 | 2.15 | 2.13 | 2.11 |
| **25** | 4.24 | 3.39 | 2.99 | 2.76 | 2.60 | 2.49 | 2.40 | 2.34 | 2.28 | 2.24 | 2.20 | 2.16 | 2.14 | 2.11 | 2.09 |
| **26** | 4.23 | 3.37 | 2.98 | 2.74 | 2.59 | 2.47 | 2.39 | 2.32 | 2.27 | 2.22 | 2.18 | 2.15 | 2.12 | 2.09 | 2.07 |
| **27** | 4.21 | 3.35 | 2.96 | 2.73 | 2.57 | 2.46 | 2.37 | 2.31 | 2.25 | 2.20 | 2.17 | 2.13 | 2.10 | 2.08 | 2.06 |
| **28** | 4.20 | 3.34 | 2.95 | 2.71 | 2.56 | 2.45 | 2.36 | 2.29 | 2.24 | 2.19 | 2.15 | 2.12 | 2.09 | 2.06 | 2.04 |
| **29** | 4.18 | 3.33 | 2.93 | 2.70 | 2.55 | 2.43 | 2.35 | 2.28 | 2.22 | 2.18 | 2.14 | 2.10 | 2.08 | 2.05 | 2.03 |
| **30** | 4.17 | 3.32 | 2.92 | 2.69 | 2.53 | 2.42 | 2.33 | 2.27 | 2.21 | 2.16 | 2.13 | 2.09 | 2.06 | 2.04 | 2.01 |
| **31** | 4.16 | 3.30 | 2.91 | 2.68 | 2.52 | 2.41 | 2.32 | 2.25 | 2.20 | 2.15 | 2.11 | 2.08 | 2.05 | 2.03 | 2.00 |
| **32** | 4.15 | 3.29 | 2.90 | 2.67 | 2.51 | 2.40 | 2.31 | 2.24 | 2.19 | 2.14 | 2.10 | 2.07 | 2.04 | 2.01 | 1.99 |
| **33** | 4.14 | 3.28 | 2.89 | 2.66 | 2.50 | 2.39 | 2.30 | 2.23 | 2.18 | 2.13 | 2.09 | 2.06 | 2.03 | 2.00 | 1.98 |
| **34** | 4.13 | 3.28 | 2.88 | 2.65 | 2.49 | 2.38 | 2.29 | 2.23 | 2.17 | 2.12 | 2.08 | 2.05 | 2.02 | 1.99 | 1.97 |
| **35** | 4.12 | 3.27 | 2.87 | 2.64 | 2.49 | 2.37 | 2.29 | 2.22 | 2.16 | 2.11 | 2.07 | 2.04 | 2.01 | 1.99 | 1.96 |
| **36** | 4.11 | 3.26 | 2.87 | 2.63 | 2.48 | 2.36 | 2.28 | 2.21 | 2.15 | 2.11 | 2.07 | 2.03 | 2.00 | 1.98 | 1.95 |
| **37** | 4.11 | 3.25 | 2.86 | 2.63 | 2.47 | 2.36 | 2.27 | 2.20 | 2.14 | 2.10 | 2.06 | 2.02 | 2.00 | 1.97 | 1.95 |
| **38** | 4.10 | 3.24 | 2.85 | 2.62 | 2.46 | 2.35 | 2.26 | 2.19 | 2.14 | 2.09 | 2.05 | 2.02 | 1.99 | 1.96 | 1.94 |
| **39** | 4.09 | 3.24 | 2.85 | 2.61 | 2.46 | 2.34 | 2.26 | 2.19 | 2.13 | 2.08 | 2.04 | 2.01 | 1.98 | 1.95 | 1.93 |
| **40** | 4.08 | 3.23 | 2.84 | 2.61 | 2.45 | 2.34 | 2.25 | 2.18 | 2.12 | 2.08 | 2.04 | 2.00 | 1.97 | 1.95 | 1.92 |
| **41** | 4.08 | 3.23 | 2.83 | 2.60 | 2.44 | 2.33 | 2.24 | 2.17 | 2.12 | 2.07 | 2.03 | 2.00 | 1.97 | 1.94 | 1.92 |
| **42** | 4.07 | 3.22 | 2.83 | 2.59 | 2.44 | 2.32 | 2.24 | 2.17 | 2.11 | 2.06 | 2.03 | 1.99 | 1.96 | 1.94 | 1.91 |
| **43** | 4.07 | 3.21 | 2.82 | 2.59 | 2.43 | 2.32 | 2.23 | 2.16 | 2.11 | 2.06 | 2.02 | 1.99 | 1.96 | 1.93 | 1.91 |
| **44** | 4.06 | 3.21 | 2.82 | 2.58 | 2.43 | 2.31 | 2.23 | 2.16 | 2.10 | 2.05 | 2.01 | 1.98 | 1.95 | 1.92 | 1.90 |
| **45** | 4.06 | 3.20 | 2.81 | 2.58 | 2.42 | 2.31 | 2.22 | 2.15 | 2.10 | 2.05 | 2.01 | 1.97 | 1.94 | 1.92 | 1.89 |
| **46** | 4.05 | 3.20 | 2.81 | 2.57 | 2.42 | 2.30 | 2.22 | 2.15 | 2.09 | 2.04 | 2.00 | 1.97 | 1.94 | 1.91 | 1.89 |
| **47** | 4.05 | 3.20 | 2.80 | 2.57 | 2.41 | 2.30 | 2.21 | 2.14 | 2.09 | 2.04 | 2.00 | 1.96 | 1.93 | 1.91 | 1.88 |
| **48** | 4.04 | 3.19 | 2.80 | 2.57 | 2.41 | 2.29 | 2.21 | 2.14 | 2.08 | 2.03 | 1.99 | 1.96 | 1.93 | 1.90 | 1.88 |
| **49** | 4.04 | 3.19 | 2.79 | 2.56 | 2.40 | 2.29 | 2.20 | 2.13 | 2.08 | 2.03 | 1.99 | 1.96 | 1.93 | 1.90 | 1.88 |
| **50** | 4.03 | 3.18 | 2.79 | 2.56 | 2.40 | 2.29 | 2.20 | 2.13 | 2.07 | 2.03 | 1.99 | 1.95 | 1.92 | 1.89 | 1.87 |
| **51** | 4.03 | 3.18 | 2.79 | 2.55 | 2.40 | 2.28 | 2.20 | 2.13 | 2.07 | 2.02 | 1.98 | 1.95 | 1.92 | 1.89 | 1.87 |
| **52** | 4.03 | 3.18 | 2.78 | 2.55 | 2.39 | 2.28 | 2.19 | 2.12 | 2.07 | 2.02 | 1.98 | 1.94 | 1.91 | 1.89 | 1.86 |
| **53** | 4.02 | 3.17 | 2.78 | 2.55 | 2.39 | 2.28 | 2.19 | 2.12 | 2.06 | 2.01 | 1.97 | 1.94 | 1.91 | 1.88 | 1.86 |
| **54** | 4.02 | 3.17 | 2.78 | 2.54 | 2.39 | 2.27 | 2.18 | 2.12 | 2.06 | 2.01 | 1.97 | 1.94 | 1.91 | 1.88 | 1.86 |
| **55** | 4.02 | 3.16 | 2.77 | 2.54 | 2.38 | 2.27 | 2.18 | 2.11 | 2.06 | 2.01 | 1.97 | 1.93 | 1.90 | 1.88 | 1.85 |
| **56** | 4.01 | 3.16 | 2.77 | 2.54 | 2.38 | 2.27 | 2.18 | 2.11 | 2.05 | 2.00 | 1.96 | 1.93 | 1.90 | 1.87 | 1.85 |
| **57** | 4.01 | 3.16 | 2.77 | 2.53 | 2.38 | 2.26 | 2.18 | 2.11 | 2.05 | 2.00 | 1.96 | 1.93 | 1.90 | 1.87 | 1.85 |
| **58** | 4.01 | 3.16 | 2.76 | 2.53 | 2.37 | 2.26 | 2.17 | 2.10 | 2.05 | 2.00 | 1.96 | 1.92 | 1.89 | 1.87 | 1.84 |
| **59** | 4.00 | 3.15 | 2.76 | 2.53 | 2.37 | 2.26 | 2.17 | 2.10 | 2.04 | 2.00 | 1.96 | 1.92 | 1.89 | 1.86 | 1.84 |
| **60** | 4.00 | 3.15 | 2.76 | 2.53 | 2.37 | 2.25 | 2.17 | 2.10 | 2.04 | 1.99 | 1.95 | 1.92 | 1.89 | 1.86 | 1.84 |
| **61** | 4.00 | 3.15 | 2.76 | 2.52 | 2.37 | 2.25 | 2.16 | 2.09 | 2.04 | 1.99 | 1.95 | 1.91 | 1.88 | 1.86 | 1.83 |
| **62** | 4.00 | 3.15 | 2.75 | 2.52 | 2.36 | 2.25 | 2.16 | 2.09 | 2.03 | 1.99 | 1.95 | 1.91 | 1.88 | 1.85 | 1.83 |
| **63** | 3.99 | 3.14 | 2.75 | 2.52 | 2.36 | 2.25 | 2.16 | 2.09 | 2.03 | 1.98 | 1.94 | 1.91 | 1.88 | 1.85 | 1.83 |
| **64** | 3.99 | 3.14 | 2.75 | 2.52 | 2.36 | 2.24 | 2.16 | 2.09 | 2.03 | 1.98 | 1.94 | 1.91 | 1.88 | 1.85 | 1.83 |
| **65** | 3.99 | 3.14 | 2.75 | 2.51 | 2.36 | 2.24 | 2.15 | 2.08 | 2.03 | 1.98 | 1.94 | 1.90 | 1.87 | 1.85 | 1.82 |
| **66** | 3.99 | 3.14 | 2.74 | 2.51 | 2.35 | 2.24 | 2.15 | 2.08 | 2.03 | 1.98 | 1.94 | 1.90 | 1.87 | 1.84 | 1.82 |
| **67** | 3.98 | 3.13 | 2.74 | 2.51 | 2.35 | 2.24 | 2.15 | 2.08 | 2.02 | 1.98 | 1.93 | 1.90 | 1.87 | 1.84 | 1.82 |
| **68** | 3.98 | 3.13 | 2.74 | 2.51 | 2.35 | 2.24 | 2.15 | 2.08 | 2.02 | 1.97 | 1.93 | 1.90 | 1.87 | 1.84 | 1.82 |
| **69** | 3.98 | 3.13 | 2.74 | 2.50 | 2.35 | 2.23 | 2.15 | 2.08 | 2.02 | 1.97 | 1.93 | 1.90 | 1.86 | 1.84 | 1.81 |
| **70** | 3.98 | 3.13 | 2.74 | 2.50 | 2.35 | 2.23 | 2.14 | 2.07 | 2.02 | 1.97 | 1.93 | 1.89 | 1.86 | 1.84 | 1.81 |
| **71** | 3.98 | 3.13 | 2.73 | 2.50 | 2.34 | 2.23 | 2.14 | 2.07 | 2.01 | 1.97 | 1.93 | 1.89 | 1.86 | 1.83 | 1.81 |
| **72** | 3.97 | 3.12 | 2.73 | 2.50 | 2.34 | 2.23 | 2.14 | 2.07 | 2.01 | 1.96 | 1.92 | 1.89 | 1.86 | 1.83 | 1.81 |
| **73** | 3.97 | 3.12 | 2.73 | 2.50 | 2.34 | 2.23 | 2.14 | 2.07 | 2.01 | 1.96 | 1.92 | 1.89 | 1.86 | 1.83 | 1.81 |
| **74** | 3.97 | 3.12 | 2.73 | 2.50 | 2.34 | 2.22 | 2.14 | 2.07 | 2.01 | 1.96 | 1.92 | 1.89 | 1.85 | 1.83 | 1.80 |
| **75** | 3.97 | 3.12 | 2.73 | 2.49 | 2.34 | 2.22 | 2.13 | 2.06 | 2.01 | 1.96 | 1.92 | 1.88 | 1.85 | 1.83 | 1.80 |
| **76** | 3.97 | 3.12 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.01 | 1.96 | 1.92 | 1.88 | 1.85 | 1.82 | 1.80 |
| **77** | 3.97 | 3.12 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.00 | 1.96 | 1.92 | 1.88 | 1.85 | 1.82 | 1.80 |
| **78** | 3.96 | 3.11 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.00 | 1.95 | 1.91 | 1.88 | 1.85 | 1.82 | 1.80 |
| **79** | 3.96 | 3.11 | 2.72 | 2.49 | 2.33 | 2.22 | 2.13 | 2.06 | 2.00 | 1.95 | 1.91 | 1.88 | 1.85 | 1.82 | 1.79 |
| **80** | 3.96 | 3.11 | 2.72 | 2.49 | 2.33 | 2.21 | 2.13 | 2.06 | 2.00 | 1.95 | 1.91 | 1.88 | 1.84 | 1.82 | 1.79 |
| **81** | 3.96 | 3.11 | 2.72 | 2.48 | 2.33 | 2.21 | 2.12 | 2.05 | 2.00 | 1.95 | 1.91 | 1.87 | 1.84 | 1.82 | 1.79 |
| **82** | 3.96 | 3.11 | 2.72 | 2.48 | 2.33 | 2.21 | 2.12 | 2.05 | 2.00 | 1.95 | 1.91 | 1.87 | 1.84 | 1.81 | 1.79 |
| **83** | 3.96 | 3.11 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.95 | 1.91 | 1.87 | 1.84 | 1.81 | 1.79 |
| **84** | 3.95 | 3.11 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.95 | 1.90 | 1.87 | 1.84 | 1.81 | 1.79 |
| **85** | 3.95 | 3.10 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.87 | 1.84 | 1.81 | 1.79 |
| **86** | 3.95 | 3.10 | 2.71 | 2.48 | 2.32 | 2.21 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.87 | 1.84 | 1.81 | 1.78 |
| **87** | 3.95 | 3.10 | 2.71 | 2.48 | 2.32 | 2.20 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.87 | 1.83 | 1.81 | 1.78 |
| **88** | 3.95 | 3.10 | 2.71 | 2.48 | 2.32 | 2.20 | 2.12 | 2.05 | 1.99 | 1.94 | 1.90 | 1.86 | 1.83 | 1.81 | 1.78 |
| **89** | 3.95 | 3.10 | 2.71 | 2.47 | 2.32 | 2.20 | 2.11 | 2.04 | 1.99 | 1.94 | 1.90 | 1.86 | 1.83 | 1.80 | 1.78 |
| **90** | 3.95 | 3.10 | 2.71 | 2.47 | 2.32 | 2.20 | 2.11 | 2.04 | 1.99 | 1.94 | 1.90 | 1.86 | 1.83 | 1.80 | 1.78 |
| **91** | 3.95 | 3.10 | 2.70 | 2.47 | 2.31 | 2.20 | 2.11 | 2.04 | 1.98 | 1.94 | 1.90 | 1.86 | 1.83 | 1.80 | 1.78 |
| **92** | 3.94 | 3.10 | 2.70 | 2.47 | 2.31 | 2.20 | 2.11 | 2.04 | 1.98 | 1.94 | 1.89 | 1.86 | 1.83 | 1.80 | 1.78 |
| **93** | 3.94 | 3.09 | 2.70 | 2.47 | 2.31 | 2.20 | 2.11 | 2.04 | 1.98 | 1.93 | 1.89 | 1.86 | 1.83 | 1.80 | 1.78 |
| **94** | 3.94 | **3.09** | 2.70 | 2.47 | 2.31 | 2.20 | 2.11 | 2.04 | 1.98 | 1.93 | 1.89 | 1.86 | 1.83 | 1.80 | 1.77 |
| **95** | 3.94 | 3.09 | 2.70 | 2.47 | 2.31 | 2.20 | 2.11 | 2.04 | 1.98 | 1.93 | 1.89 | 1.86 | 1.82 | 1.80 | 1.77 |
| **96** | 3.94 | 3.09 | 2.70 | 2.47 | 2.31 | 2.19 | 2.11 | 2.04 | 1.98 | 1.93 | 1.89 | 1.85 | 1.82 | 1.80 | 1.77 |
| **97** | 3.94 | 3.09 | 2.70 | 2.47 | 2.31 | 2.19 | 2.11 | 2.04 | 1.98 | 1.93 | 1.89 | 1.85 | 1.82 | 1.80 | 1.77 |
| **98** | 3.94 | 3.09 | 2.70 | 2.46 | 2.31 | 2.19 | 2.10 | 2.03 | 1.98 | 1.93 | 1.89 | 1.85 | 1.82 | 1.79 | 1.77 |
| **99** | 3.94 | 3.09 | 2.70 | 2.46 | 2.31 | 2.19 | 2.10 | 2.03 | 1.98 | 1.93 | 1.89 | 1.85 | 1.82 | 1.79 | 1.77 |
| **100** | 3.94 | 3.09 | 2.70 | 2.46 | 2.31 | 2.19 | 2.10 | 2.03 | 1.97 | 1.93 | 1.89 | 1.85 | 1.82 | 1.79 | 1.77 |