

TABLAS NUMÉRICAS



EDITADA POR EL  
**SERVICIO DE EXTENSIÓN DE  
ENSEÑANZAS TÉCNICAS**  
DE LA DIPUTACION PROVINCIAL DE BARCELONA

**Calle Urgel=187=Barcelona**



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Publicaciones del Servicio de Extensión de Enseñanzas Técnicas  
EDITORIAL Y ESCUELA POR CORRESPONDENCIA

# TABLAS NUMÉRICAS



R. 3.488

B A R C E L O N A , 1 9 4 0

VI. Colocaremos la coma siguiendo el principio siguiente: En la raíz debe haber tantas cifras de la parte entera como períodos enteros tiene el número propuesto. Si éste está compuesto exclusivamente de decimales, la raíz será toda ella decimal, y en el caso de tener aquél períodos de ceros, inmediatamente después de la coma decimal, escribiremos en la raíz tantos ceros a continuación de la coma como períodos de ceros a continuación de la coma tiene el número propuesto.

TABLA DE LAS POTENCIAS SENCILLAS, TERCERA, CUARTA Y QUINTA DE LOS NÚMEROS COMPLETOS ENTRE 1 Y 100 DE DÉCIMA EN DÉCIMA

REGLA GENERAL PARA EL USO DE ESTAS TABLAS

I. Impresiones divididas el número propuesto en períodos a partir de la coma decimal. El número de cifras de cada período ha de ser igual al de unidades del índice de la raíz.

II. Contamos o colocamos la coma decimal de manera que quede a la derecha del primer período que contenga cifras significativas. Este número es la denominación de número elevado. Este número elevado debe tener seis cifras. Si tiene más, cortamos las sobrantes y añadimos en sus unidades la última, dando caso de ir seguida de una cifra mayor que...

III. Cuando se trata de raíces cuadradas, bastará tener únicamente cinco cifras al período de la potencia con una sola cifra.

IV. Después se pasa en la tabla y en la columna correspondiente con una con un exponente igual al de la raíz de que se trata, los números entre los cuales se encuentra el número elevado. El número que hay en la columna a la izquierda de este número nos proporcionará la raíz de la potencia de las potencias.

V. La diferencia entre las potencias que comprenden el número elevado se denomina primera diferencia y la diferencia entre la menor de éstas y el número elevado se denomina segunda diferencia. A la raíz de la menor de ambas potencias elevadas se denomina raíz.

$$\frac{\text{segunda diferencia} \times a}{\text{primera diferencia}}$$

se obtiene la raíz del número elevado

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|
| 1.00 | 1.0000         | 1.00000        | 1.000000       | 1.000000       | 1.50 | 2.2500         | 3.37500        | 5.06250        | 7.59375        |
| 1.01 | 1.0201         | 1.03030        | 1.04060        | 1.05101        | 1.51 | 2.2801         | 3.44295        | 5.19886        | 7.85027        |
| 1.02 | 1.0404         | 1.06121        | 1.08243        | 1.10408        | 1.52 | 2.3104         | 3.51181        | 5.33795        | 8.11368        |
| 1.03 | 1.0609         | 1.09273        | 1.12551        | 1.15927        | 1.53 | 2.3409         | 3.58158        | 5.47981        | 8.38411        |
| 1.04 | 1.0816         | 1.12486        | 1.16986        | 1.21665        | 1.54 | 2.3716         | 3.65226        | 5.62449        | 8.66171        |
| 1.05 | 1.1025         | 1.15763        | 1.21551        | 1.27628        | 1.55 | 2.4025         | 3.72388        | 5.77201        | 8.94661        |
| 1.06 | 1.1236         | 1.19102        | 1.26248        | 1.33823        | 1.56 | 2.4336         | 3.79642        | 5.92241        | 9.23896        |
| 1.07 | 1.1449         | 1.22504        | 1.31080        | 1.40255        | 1.57 | 2.4649         | 3.86989        | 6.07573        | 9.53890        |
| 1.08 | 1.1664         | 1.25971        | 1.36049        | 1.46933        | 1.58 | 2.4964         | 3.94431        | 6.23201        | 9.84658        |
| 1.09 | 1.1881         | 1.29503        | 1.41158        | 1.53862        | 1.59 | 2.5281         | 4.01968        | 6.39129        | 10.1622        |
| 1.10 | 1.2100         | 1.33100        | 1.46410        | 1.61051        | 1.60 | 2.5600         | 4.09600        | 6.55360        | 10.4858        |
| 1.11 | 1.2321         | 1.36763        | 1.51807        | 1.68506        | 1.61 | 2.5921         | 4.17328        | 6.71898        | 10.8170        |
| 1.12 | 1.2544         | 1.40493        | 1.57352        | 1.76234        | 1.62 | 2.6244         | 4.25153        | 6.88748        | 11.1577        |
| 1.13 | 1.2769         | 1.44290        | 1.63047        | 1.84244        | 1.63 | 2.6569         | 4.33075        | 7.05912        | 11.5064        |
| 1.14 | 1.2996         | 1.48154        | 1.68896        | 1.92541        | 1.64 | 2.6896         | 4.41094        | 7.23395        | 11.8637        |
| 1.15 | 1.3225         | 1.52088        | 1.74901        | 2.01136        | 1.65 | 2.7225         | 4.49213        | 7.41201        | 12.2298        |
| 1.16 | 1.3456         | 1.56090        | 1.81064        | 2.10034        | 1.66 | 2.7556         | 4.57430        | 7.59333        | 12.6049        |
| 1.17 | 1.3689         | 1.60161        | 1.87389        | 2.19245        | 1.67 | 2.7889         | 4.65746        | 7.77796        | 12.9892        |
| 1.18 | 1.3924         | 1.64303        | 1.93878        | 2.28776        | 1.68 | 2.8224         | 4.74163        | 7.96594        | 13.3828        |
| 1.19 | 1.4161         | 1.68516        | 2.00534        | 2.38635        | 1.69 | 2.8561         | 4.82681        | 8.15731        | 13.7858        |
| 1.20 | 1.4400         | 1.72800        | 2.07360        | 2.48832        | 1.70 | 2.8900         | 4.91300        | 8.35210        | 14.1986        |
| 1.21 | 1.4641         | 1.77156        | 2.14359        | 2.59374        | 1.71 | 2.9241         | 5.00021        | 8.55036        | 14.6211        |
| 1.22 | 1.4884         | 1.81585        | 2.21533        | 2.70271        | 1.72 | 2.9584         | 5.08845        | 8.75213        | 15.0537        |
| 1.23 | 1.5129         | 1.86087        | 2.28887        | 2.81531        | 1.73 | 2.9929         | 5.17772        | 8.95745        | 15.4964        |
| 1.24 | 1.5376         | 1.90662        | 2.36421        | 2.93163        | 1.74 | 3.0276         | 5.26802        | 9.16636        | 15.9495        |
| 1.25 | 1.5625         | 1.95313        | 2.44141        | 3.05176        | 1.75 | 3.0625         | 5.35938        | 9.37891        | 16.4131        |
| 1.26 | 1.5876         | 2.00038        | 2.52047        | 3.17580        | 1.76 | 3.0976         | 5.45178        | 9.59513        | 16.8874        |
| 1.27 | 1.6129         | 2.04838        | 2.60145        | 3.30384        | 1.77 | 3.1329         | 5.54523        | 9.81506        | 17.3727        |
| 1.28 | 1.6384         | 2.09715        | 2.68435        | 3.43597        | 1.78 | 3.1684         | 5.63975        | 10.0388        | 17.8690        |
| 1.29 | 1.6641         | 2.14669        | 2.76923        | 3.57231        | 1.79 | 3.2041         | 5.73534        | 10.2663        | 18.3766        |
| 1.30 | 1.6900         | 2.19700        | 2.85610        | 3.71293        | 1.80 | 3.2400         | 5.83200        | 10.4976        | 18.8957        |
| 1.31 | 1.7161         | 2.24809        | 2.94500        | 3.85795        | 1.81 | 3.2761         | 5.92974        | 10.7328        | 19.4264        |
| 1.32 | 1.7424         | 2.29997        | 3.03596        | 4.00746        | 1.82 | 3.3124         | 6.02857        | 10.9720        | 19.9690        |
| 1.33 | 1.7689         | 2.35264        | 3.12901        | 4.16158        | 1.83 | 3.3489         | 6.12849        | 11.2151        | 20.5237        |
| 1.34 | 1.7956         | 2.40610        | 3.22418        | 4.32040        | 1.84 | 3.3856         | 6.22950        | 11.4623        | 21.0906        |
| 1.35 | 1.8225         | 2.46038        | 3.32151        | 4.48403        | 1.85 | 3.4225         | 6.33163        | 11.7135        | 21.6700        |
| 1.36 | 1.8496         | 2.51546        | 3.42102        | 4.65259        | 1.86 | 3.4596         | 6.43486        | 11.9688        | 22.2620        |
| 1.37 | 1.8769         | 2.57135        | 3.52275        | 4.82617        | 1.87 | 3.4969         | 6.53920        | 12.2283        | 22.8669        |
| 1.38 | 1.9044         | 2.62807        | 3.62674        | 5.00490        | 1.88 | 3.5344         | 6.64467        | 12.4920        | 23.4849        |
| 1.39 | 1.9321         | 2.68562        | 3.73301        | 5.18888        | 1.89 | 3.5721         | 6.75127        | 12.7599        | 24.1162        |
| 1.40 | 1.9600         | 2.74400        | 3.84160        | 5.37824        | 1.90 | 3.6100         | 6.85900        | 13.0321        | 24.7610        |
| 1.41 | 1.9881         | 2.80322        | 3.95254        | 5.57308        | 1.91 | 3.6481         | 6.96787        | 13.3086        | 25.4195        |
| 1.42 | 2.0164         | 2.86329        | 4.06587        | 5.77353        | 1.92 | 3.6864         | 7.07780        | 13.5895        | 26.0919        |
| 1.43 | 2.0449         | 2.92421        | 4.18162        | 5.97971        | 1.93 | 3.7249         | 7.18906        | 13.8749        | 26.7785        |
| 1.44 | 2.0736         | 2.98598        | 4.29982        | 6.19174        | 1.94 | 3.7636         | 7.30138        | 14.1647        | 27.4795        |
| 1.45 | 2.1025         | 3.04863        | 4.42051        | 6.40973        | 1.95 | 3.8025         | 7.41488        | 14.4590        | 28.1951        |
| 1.46 | 2.1316         | 3.11214        | 4.54372        | 6.63383        | 1.96 | 3.8416         | 7.52954        | 14.7579        | 28.9255        |
| 1.47 | 2.1609         | 3.17652        | 4.66949        | 6.86415        | 1.97 | 3.8809         | 7.64537        | 15.0614        | 29.6709        |
| 1.48 | 2.1904         | 3.24179        | 4.79785        | 7.10082        | 1.98 | 3.9204         | 7.76239        | 15.3695        | 30.4317        |
| 1.49 | 2.2201         | 3.30795        | 4.92884        | 7.34398        | 1.99 | 3.9601         | 7.88060        | 15.6824        | 31.2080        |
| 1.50 | 2.2500         | 3.37500        | 5.06250        | 7.59375        | 2.00 | 4.0000         | 8.00000        | 16.0000        | 32.0000        |

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|
| 2.00 | 4.0000         | 8.00000        | 16.0000        | 32.0000        | 2.50 | 6.2500         | 15.6250        | 39.0625        | 97.6563        |
| 2.01 | 4.0401         | 8.12060        | 16.3224        | 32.8080        | 2.51 | 6.3001         | 15.8133        | 39.6913        | 99.6251        |
| 2.02 | 4.0804         | 8.24241        | 16.6497        | 33.6323        | 2.52 | 6.3504         | 16.0030        | 40.3276        | 101.626        |
| 2.03 | 4.1209         | 8.36543        | 16.9818        | 34.4731        | 2.53 | 6.4009         | 16.1943        | 40.9715        | 103.658        |
| 2.04 | 4.1616         | 8.48966        | 17.3189        | 35.3306        | 2.54 | 6.4516         | 16.3871        | 41.6231        | 105.723        |
| 2.05 | 4.2025         | 8.61513        | 17.6610        | 36.2051        | 2.55 | 6.5025         | 16.5814        | 42.2825        | 107.820        |
| 2.06 | 4.2436         | 8.74182        | 18.0081        | 37.0968        | 2.56 | 6.5536         | 16.7772        | 42.9497        | 109.951        |
| 2.07 | 4.2849         | 8.86974        | 18.3604        | 38.0060        | 2.57 | 6.6049         | 16.9746        | 43.6247        | 112.115        |
| 2.08 | 4.3264         | 8.99891        | 18.7177        | 38.9329        | 2.58 | 6.6564         | 17.1735        | 44.3077        | 114.314        |
| 2.09 | 4.3681         | 9.12933        | 19.0803        | 39.8778        | 2.59 | 6.7081         | 17.3740        | 44.9986        | 116.546        |
| 2.10 | 4.4100         | 9.26100        | 19.4481        | 40.8410        | 2.60 | 6.7600         | 17.5760        | 45.6976        | 118.814        |
| 2.11 | 4.4521         | 9.39393        | 19.8212        | 41.8227        | 2.61 | 6.8121         | 17.7796        | 46.4047        | 121.116        |
| 2.12 | 4.4944         | 9.52813        | 20.1996        | 42.8232        | 2.62 | 6.8644         | 17.9847        | 47.1200        | 123.454        |
| 2.13 | 4.5369         | 9.66360        | 20.5835        | 43.8428        | 2.63 | 6.9169         | 18.1914        | 47.8435        | 125.828        |
| 2.14 | 4.5796         | 9.80034        | 20.9727        | 44.8817        | 2.64 | 6.9696         | 18.3997        | 48.5753        | 128.239        |
| 2.15 | 4.6225         | 9.93838        | 21.3675        | 45.9401        | 2.65 | 7.0225         | 18.6096        | 49.3155        | 130.686        |
| 2.16 | 4.6656         | 10.0777        | 21.7678        | 47.0185        | 2.66 | 7.0756         | 18.8211        | 50.0641        | 133.171        |
| 2.17 | 4.7089         | 10.2183        | 22.1737        | 48.1170        | 2.67 | 7.1289         | 19.0342        | 50.8212        | 135.693        |
| 2.18 | 4.7524         | 10.3602        | 22.5853        | 49.2360        | 2.68 | 7.1824         | 19.2488        | 51.5869        | 138.253        |
| 2.19 | 4.7961         | 10.5035        | 23.0026        | 50.3756        | 2.69 | 7.2361         | 19.4651        | 52.3611        | 140.851        |
| 2.20 | 4.8400         | 10.6480        | 23.4256        | 51.5363        | 2.70 | 7.2900         | 19.6830        | 53.1441        | 143.489        |
| 2.21 | 4.8841         | 10.7939        | 23.8544        | 52.7183        | 2.71 | 7.3441         | 19.9025        | 53.9358        | 146.166        |
| 2.22 | 4.9284         | 10.9410        | 24.2891        | 53.9219        | 2.72 | 7.3984         | 20.1236        | 54.7363        | 148.883        |
| 2.23 | 4.9729         | 11.0896        | 24.7297        | 55.1473        | 2.73 | 7.4529         | 20.3464        | 55.5457        | 151.640        |
| 2.24 | 5.0176         | 11.2394        | 25.1763        | 56.3949        | 2.74 | 7.5076         | 20.5708        | 56.3641        | 154.438        |
| 2.25 | 5.0625         | 11.3906        | 25.6289        | 57.6650        | 2.75 | 7.5625         | 20.7969        | 57.1914        | 157.276        |
| 2.26 | 5.1076         | 11.5432        | 26.0876        | 58.9579        | 2.76 | 7.6176         | 21.0246        | 58.0278        | 160.157        |
| 2.27 | 5.1529         | 11.6971        | 26.5524        | 60.2739        | 2.77 | 7.6729         | 21.2539        | 58.8734        | 163.079        |
| 2.28 | 5.1984         | 11.8524        | 27.0234        | 61.6133        | 2.78 | 7.7284         | 21.4850        | 59.7282        | 166.044        |
| 2.29 | 5.2441         | 12.0090        | 27.5006        | 62.9763        | 2.79 | 7.7841         | 21.7176        | 60.5922        | 169.052        |
| 2.30 | 5.2900         | 12.1670        | 27.9841        | 64.3634        | 2.80 | 7.8400         | 21.9520        | 61.4656        | 172.104        |
| 2.31 | 5.3361         | 12.3264        | 28.4740        | 65.7749        | 2.81 | 7.8961         | 22.1880        | 62.3484        | 175.199        |
| 2.32 | 5.3824         | 12.4872        | 28.9702        | 67.2109        | 2.82 | 7.9524         | 22.4258        | 63.2407        | 178.339        |
| 2.33 | 5.4289         | 12.6493        | 29.4730        | 68.6720        | 2.83 | 8.0089         | 22.6652        | 64.1425        | 181.523        |
| 2.34 | 5.4756         | 12.8129        | 29.9822        | 70.1583        | 2.84 | 8.0656         | 22.9063        | 65.0539        | 184.753        |
| 2.35 | 5.5225         | 12.9779        | 30.4980        | 71.6703        | 2.85 | 8.1225         | 23.1491        | 65.9750        | 188.029        |
| 2.36 | 5.5696         | 13.1443        | 31.0204        | 73.2082        | 2.86 | 8.1796         | 23.3937        | 66.9059        | 191.351        |
| 2.37 | 5.6169         | 13.3121        | 31.5496        | 74.7725        | 2.87 | 8.2369         | 23.6399        | 67.8465        | 194.720        |
| 2.38 | 5.6644         | 13.4813        | 32.0854        | 76.3633        | 2.88 | 8.2944         | 23.8879        | 68.7971        | 198.136        |
| 2.39 | 5.7121         | 13.6519        | 32.6281        | 77.9811        | 2.89 | 8.3521         | 24.1376        | 69.7576        | 201.599        |
| 2.40 | 5.7600         | 13.8240        | 33.1776        | 79.6262        | 2.90 | 8.4100         | 24.3890        | 70.7281        | 205.111        |
| 2.41 | 5.8081         | 13.9975        | 33.7340        | 81.2990        | 2.91 | 8.4681         | 24.6422        | 71.7087        | 208.672        |
| 2.42 | 5.8564         | 14.1725        | 34.2974        | 82.9998        | 2.92 | 8.5264         | 24.8971        | 72.6995        | 212.283        |
| 2.43 | 5.9049         | 14.3489        | 34.8678        | 84.7289        | 2.93 | 8.5849         | 25.1538        | 73.7005        | 215.942        |
| 2.44 | 5.9536         | 14.5268        | 35.4454        | 86.4867        | 2.94 | 8.6436         | 25.4122        | 74.7118        | 219.653        |
| 2.45 | 6.0025         | 14.7061        | 36.0300        | 88.2735        | 2.95 | 8.7025         | 25.6724        | 75.7335        | 223.414        |
| 2.46 | 6.0516         | 14.8869        | 36.6219        | 90.0898        | 2.96 | 8.7616         | 25.9343        | 76.7656        | 227.226        |
| 2.47 | 6.1009         | 15.0692        | 37.2210        | 91.9358        | 2.97 | 8.8209         | 26.1981        | 77.8083        | 231.091        |
| 2.48 | 6.1504         | 15.2530        | 37.8274        | 93.8120        | 2.98 | 8.8804         | 26.4636        | 78.8615        | 235.007        |
| 2.49 | 6.2001         | 15.4382        | 38.4412        | 95.7187        | 2.99 | 8.9401         | 26.7309        | 79.9254        | 238.977        |
| 2.50 | 6.2500         | 15.6250        | 39.0625        | 97.6563        | 3.00 | 9.0000         | 27.0000        | 81.0000        | 243.000        |

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|
| 3.00 | 9.0000         | 27.0000        | 81.0000        | 243.0000       | 3.50 | 12.2500        | 42.8750        | 150.063        | 525.219        |
| 3.01 | 9.0601         | 27.2709        | 82.0854        | 247.077        | 3.51 | 12.3201        | 43.2436        | 151.785        | 532.765        |
| 3.02 | 9.1204         | 27.5436        | 83.1817        | 251.209        | 3.52 | 12.3904        | 43.6142        | 153.522        | 540.397        |
| 3.03 | 9.1809         | 27.8181        | 84.2889        | 255.395        | 3.53 | 12.4609        | 43.9870        | 155.274        | 548.117        |
| 3.04 | 9.2416         | 28.0945        | 85.4072        | 259.638        | 3.54 | 12.5316        | 44.3619        | 157.041        | 555.925        |
| 3.05 | 9.3025         | 28.3726        | 86.5365        | 263.936        | 3.55 | 12.6025        | 44.7389        | 158.823        | 563.822        |
| 3.06 | 9.3636         | 28.6526        | 87.6770        | 268.292        | 3.56 | 12.6736        | 45.1180        | 160.620        | 571.808        |
| 3.07 | 9.4249         | 28.9344        | 88.8287        | 272.704        | 3.57 | 12.7449        | 45.4993        | 162.432        | 579.884        |
| 3.08 | 9.4864         | 29.2181        | 89.9918        | 277.175        | 3.58 | 12.8164        | 45.8827        | 164.260        | 588.051        |
| 3.09 | 9.5481         | 29.5036        | 91.1662        | 281.704        | 3.59 | 12.8881        | 46.2683        | 166.103        | 596.310        |
| 3.10 | 9.6100         | 29.7910        | 92.3521        | 286.292        | 3.60 | 12.9600        | 46.6560        | 167.962        | 604.662        |
| 3.11 | 9.6721         | 30.0802        | 93.5495        | 290.939        | 3.61 | 13.0321        | 47.0459        | 169.836        | 613.107        |
| 3.12 | 9.7344         | 30.3713        | 94.7585        | 295.647        | 3.62 | 13.1044        | 47.4379        | 171.725        | 621.646        |
| 3.13 | 9.7969         | 30.6643        | 95.9792        | 300.415        | 3.63 | 13.1769        | 47.8321        | 173.631        | 630.279        |
| 3.14 | 9.8596         | 30.9591        | 97.2117        | 305.245        | 3.64 | 13.2496        | 48.2285        | 175.552        | 639.009        |
| 3.15 | 9.9225         | 31.2559        | 98.4560        | 310.136        | 3.65 | 13.3225        | 48.6271        | 177.489        | 647.835        |
| 3.16 | 9.9856         | 31.5545        | 99.7122        | 315.091        | 3.66 | 13.3956        | 49.0279        | 179.442        | 656.758        |
| 3.17 | 10.0489        | 31.8550        | 100.980        | 320.108        | 3.67 | 13.4689        | 49.4309        | 181.411        | 665.779        |
| 3.18 | 10.1124        | 32.1574        | 102.261        | 325.189        | 3.68 | 13.5424        | 49.8360        | 183.397        | 674.899        |
| 3.19 | 10.1761        | 32.4618        | 103.553        | 330.334        | 3.69 | 13.6161        | 50.2434        | 185.398        | 684.119        |
| 3.20 | 10.2400        | 32.7680        | 104.858        | 335.544        | 3.70 | 13.6900        | 50.6530        | 187.416        | 693.440        |
| 3.21 | 10.3041        | 33.0762        | 106.174        | 340.820        | 3.71 | 13.7641        | 51.0648        | 189.450        | 702.861        |
| 3.22 | 10.3684        | 33.3862        | 107.504        | 346.162        | 3.72 | 13.8384        | 51.4788        | 191.501        | 712.385        |
| 3.23 | 10.4329        | 33.6983        | 108.845        | 351.571        | 3.73 | 13.9129        | 51.8951        | 193.569        | 722.012        |
| 3.24 | 10.4976        | 34.0122        | 110.200        | 357.047        | 3.74 | 13.9876        | 52.3136        | 195.653        | 731.742        |
| 3.25 | 10.5625        | 34.3281        | 111.566        | 362.591        | 3.75 | 14.0625        | 52.7344        | 197.754        | 741.577        |
| 3.26 | 10.6276        | 34.6460        | 112.946        | 368.204        | 3.76 | 14.1376        | 53.1574        | 199.872        | 751.518        |
| 3.27 | 10.6929        | 34.9658        | 114.338        | 373.886        | 3.77 | 14.2129        | 53.5826        | 202.007        | 761.565        |
| 3.28 | 10.7584        | 35.2876        | 115.743        | 379.638        | 3.78 | 14.2884        | 54.0102        | 204.158        | 771.719        |
| 3.29 | 10.8241        | 35.6113        | 117.161        | 385.460        | 3.79 | 14.3641        | 54.4399        | 206.327        | 781.981        |
| 3.30 | 10.8900        | 35.9370        | 118.592        | 391.354        | 3.80 | 14.4400        | 54.8720        | 208.514        | 792.352        |
| 3.31 | 10.9561        | 36.2647        | 120.036        | 397.320        | 3.81 | 14.5161        | 55.3063        | 210.717        | 802.832        |
| 3.32 | 11.0224        | 36.5944        | 121.493        | 403.358        | 3.82 | 14.5924        | 55.7430        | 212.938        | 813.424        |
| 3.33 | 11.0889        | 36.9260        | 122.964        | 409.469        | 3.83 | 14.6689        | 56.1819        | 215.177        | 824.126        |
| 3.34 | 11.1556        | 37.2597        | 124.447        | 415.654        | 3.84 | 14.7456        | 56.6231        | 217.433        | 834.942        |
| 3.35 | 11.2225        | 37.5954        | 125.945        | 421.914        | 3.85 | 14.8225        | 57.0666        | 219.707        | 845.870        |
| 3.36 | 11.2896        | 37.9331        | 127.455        | 428.249        | 3.86 | 14.8996        | 57.5125        | 221.998        | 856.913        |
| 3.37 | 11.3569        | 38.2728        | 128.979        | 434.660        | 3.87 | 14.9769        | 57.9606        | 224.308        | 868.070        |
| 3.38 | 11.4244        | 38.6145        | 130.517        | 441.147        | 3.88 | 15.0544        | 58.4111        | 226.635        | 879.344        |
| 3.39 | 11.4921        | 38.9582        | 132.068        | 447.712        | 3.89 | 15.1321        | 58.8639        | 228.980        | 890.734        |
| 3.40 | 11.5600        | 39.3040        | 133.634        | 454.354        | 3.90 | 15.2100        | 59.3190        | 231.344        | 902.242        |
| 3.41 | 11.6281        | 39.6518        | 135.213        | 461.075        | 3.91 | 15.2881        | 59.7765        | 233.726        | 913.869        |
| 3.42 | 11.6964        | 40.0017        | 136.806        | 467.876        | 3.92 | 15.3664        | 60.2363        | 236.126        | 925.615        |
| 3.43 | 11.7649        | 40.3536        | 138.413        | 474.756        | 3.93 | 15.4449        | 60.6985        | 238.545        | 937.482        |
| 3.44 | 11.8336        | 40.7076        | 140.034        | 481.717        | 3.94 | 15.5236        | 61.1630        | 240.982        | 949.470        |
| 3.45 | 11.9025        | 41.0636        | 141.670        | 488.760        | 3.95 | 15.6025        | 61.6299        | 243.438        | 961.580        |
| 3.46 | 11.9716        | 41.4217        | 143.319        | 495.884        | 3.96 | 15.6816        | 62.0991        | 245.913        | 973.814        |
| 3.47 | 12.0409        | 41.7819        | 144.983        | 503.092        | 3.97 | 15.7609        | 62.5708        | 248.406        | 986.172        |
| 3.48 | 12.1104        | 42.1442        | 146.662        | 510.383        | 3.98 | 15.8404        | 63.0448        | 250.918        | 998.655        |
| 3.49 | 12.1801        | 42.5085        | 148.355        | 517.758        | 3.99 | 15.9201        | 63.5212        | 253.450        | 1011.26        |
| 3.50 | 12.2500        | 42.8750        | 150.063        | 525.219        | 4.00 | 16.0000        | 64.0000        | 256.000        | 1024.00        |

| $n$  | $n^2$   | $n^3$   | $n^4$   | $n^5$   | $n$  | $n^2$   | $n^3$   | $n^4$   | $n^5$   |
|------|---------|---------|---------|---------|------|---------|---------|---------|---------|
| 4.00 | 16.0000 | 64.0000 | 256.000 | 1024.00 | 4.50 | 20.2500 | 91.1250 | 410.063 | 1845.28 |
| 4.01 | 16.0801 | 64.4812 | 258.570 | 1036.86 | 4.51 | 20.3401 | 91.7339 | 413.720 | 1865.88 |
| 4.02 | 16.1604 | 64.9648 | 261.159 | 1049.86 | 4.52 | 20.4304 | 92.3454 | 417.401 | 1886.65 |
| 4.03 | 16.2409 | 65.4508 | 263.767 | 1062.98 | 4.53 | 20.5209 | 92.9597 | 421.107 | 1907.62 |
| 4.04 | 16.3216 | 65.9393 | 266.395 | 1076.23 | 4.54 | 20.6116 | 93.5767 | 424.838 | 1928.76 |
| 4.05 | 16.4025 | 66.4301 | 269.042 | 1089.62 | 4.55 | 20.7025 | 94.1964 | 428.594 | 1950.10 |
| 4.06 | 16.4836 | 66.9234 | 271.709 | 1103.14 | 4.56 | 20.7936 | 94.8188 | 432.374 | 1971.62 |
| 4.07 | 16.5649 | 67.4191 | 274.396 | 1116.79 | 4.57 | 20.8849 | 95.4440 | 436.179 | 1993.34 |
| 4.08 | 16.6464 | 67.9173 | 277.103 | 1130.58 | 4.58 | 20.9764 | 96.0719 | 440.009 | 2015.24 |
| 4.09 | 16.7281 | 68.4179 | 279.829 | 1144.50 | 4.59 | 21.0681 | 96.7026 | 443.865 | 2037.34 |
| 4.10 | 16.8100 | 68.9210 | 282.576 | 1158.56 | 4.60 | 21.1600 | 97.3360 | 447.746 | 2059.63 |
| 4.11 | 16.8921 | 69.4265 | 285.343 | 1172.76 | 4.61 | 21.2521 | 97.9722 | 451.652 | 2082.11 |
| 4.12 | 16.9744 | 69.9345 | 288.130 | 1187.10 | 4.62 | 21.3444 | 98.6111 | 455.583 | 2104.80 |
| 4.13 | 17.0569 | 70.4450 | 290.938 | 1201.57 | 4.63 | 21.4369 | 99.2528 | 459.541 | 2127.67 |
| 4.14 | 17.1396 | 70.9579 | 293.766 | 1216.19 | 4.64 | 21.5296 | 99.8973 | 463.524 | 2150.75 |
| 4.15 | 17.2225 | 71.4734 | 296.615 | 1230.95 | 4.65 | 21.6225 | 100.545 | 467.533 | 2174.03 |
| 4.16 | 17.3056 | 71.9913 | 299.484 | 1245.85 | 4.66 | 21.7156 | 101.195 | 471.567 | 2197.50 |
| 4.17 | 17.3889 | 72.5117 | 302.374 | 1260.90 | 4.67 | 21.8089 | 101.848 | 475.628 | 2221.18 |
| 4.18 | 17.4724 | 73.0346 | 305.285 | 1276.09 | 4.68 | 21.9024 | 102.503 | 479.715 | 2245.07 |
| 4.19 | 17.5561 | 73.5601 | 308.217 | 1291.43 | 4.69 | 21.9961 | 103.162 | 483.828 | 2269.16 |
| 4.20 | 17.6400 | 74.0880 | 311.170 | 1306.91 | 4.70 | 22.0900 | 103.823 | 487.968 | 2293.45 |
| 4.21 | 17.7241 | 74.6185 | 314.144 | 1322.55 | 4.71 | 22.1841 | 104.487 | 492.134 | 2317.95 |
| 4.22 | 17.8084 | 75.1514 | 317.139 | 1338.33 | 4.72 | 22.2784 | 105.154 | 496.327 | 2342.66 |
| 4.23 | 17.8929 | 75.6870 | 320.156 | 1354.26 | 4.73 | 22.3729 | 105.824 | 500.547 | 2367.59 |
| 4.24 | 17.9776 | 76.2250 | 323.194 | 1370.34 | 4.74 | 22.4676 | 106.496 | 504.793 | 2392.72 |
| 4.25 | 18.0625 | 76.7656 | 326.254 | 1386.58 | 4.75 | 22.5625 | 107.172 | 509.066 | 2418.07 |
| 4.26 | 18.1476 | 77.3088 | 329.335 | 1402.97 | 4.76 | 22.6576 | 107.850 | 513.367 | 2443.63 |
| 4.27 | 18.2329 | 77.8545 | 332.439 | 1419.51 | 4.77 | 22.7529 | 108.531 | 517.694 | 2469.40 |
| 4.28 | 18.3184 | 78.4028 | 335.564 | 1436.21 | 4.78 | 22.8484 | 109.215 | 522.049 | 2495.40 |
| 4.29 | 18.4041 | 78.9536 | 338.711 | 1453.07 | 4.79 | 22.9441 | 109.902 | 526.432 | 2521.61 |
| 4.30 | 18.4900 | 79.5070 | 341.880 | 1470.08 | 4.80 | 23.0400 | 110.592 | 530.842 | 2548.04 |
| 4.31 | 18.5761 | 80.0630 | 345.071 | 1487.26 | 4.81 | 23.1361 | 111.285 | 535.279 | 2574.69 |
| 4.32 | 18.6624 | 80.6216 | 348.285 | 1504.59 | 4.82 | 23.2324 | 111.980 | 539.744 | 2601.57 |
| 4.33 | 18.7489 | 81.1827 | 351.521 | 1522.09 | 4.83 | 23.3289 | 112.679 | 544.238 | 2628.67 |
| 4.34 | 18.8356 | 81.7465 | 354.780 | 1539.74 | 4.84 | 23.4256 | 113.380 | 548.759 | 2655.99 |
| 4.35 | 18.9225 | 82.3129 | 358.061 | 1557.57 | 4.85 | 23.5225 | 114.084 | 553.308 | 2683.54 |
| 4.36 | 19.0096 | 82.8819 | 361.365 | 1575.55 | 4.86 | 23.6196 | 114.791 | 557.886 | 2711.32 |
| 4.37 | 19.0969 | 83.4535 | 364.692 | 1593.70 | 4.87 | 23.7169 | 115.501 | 562.491 | 2739.33 |
| 4.38 | 19.1844 | 84.0277 | 368.041 | 1612.02 | 4.88 | 23.8144 | 116.214 | 567.126 | 2767.57 |
| 4.39 | 19.2721 | 84.6045 | 371.414 | 1630.51 | 4.89 | 23.9121 | 116.930 | 571.789 | 2796.05 |
| 4.40 | 19.3600 | 85.1840 | 374.810 | 1649.16 | 4.90 | 24.0100 | 117.649 | 576.480 | 2824.75 |
| 4.41 | 19.4481 | 85.7661 | 378.229 | 1667.99 | 4.91 | 24.1081 | 118.371 | 581.200 | 2853.69 |
| 4.42 | 19.5364 | 86.3509 | 381.671 | 1686.99 | 4.92 | 24.2064 | 119.095 | 585.950 | 2882.87 |
| 4.43 | 19.6249 | 86.9383 | 385.137 | 1706.16 | 4.93 | 24.3049 | 119.823 | 590.728 | 2912.29 |
| 4.44 | 19.7136 | 87.5284 | 388.626 | 1725.50 | 4.94 | 24.4036 | 120.554 | 595.536 | 2941.95 |
| 4.45 | 19.8025 | 88.1211 | 392.139 | 1745.02 | 4.95 | 24.5025 | 121.287 | 600.373 | 2971.84 |
| 4.46 | 19.8916 | 88.7165 | 395.676 | 1764.71 | 4.96 | 24.6016 | 122.024 | 605.239 | 3001.98 |
| 4.47 | 19.9809 | 89.3146 | 399.236 | 1784.59 | 4.97 | 24.7009 | 122.763 | 610.134 | 3032.37 |
| 4.48 | 20.0704 | 89.9154 | 402.821 | 1804.64 | 4.98 | 24.8004 | 123.505 | 615.060 | 3063.00 |
| 4.49 | 20.1601 | 90.5188 | 406.430 | 1824.87 | 4.99 | 24.9001 | 124.251 | 620.015 | 3093.87 |
| 4.50 | 20.2500 | 91.1250 | 410.063 | 1845.28 | 5.00 | 25.0000 | 125.000 | 625.000 | 3125.00 |

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|
| 5.00 | 25.0000        | 125.000        | 625.000        | 3125.00        | 5.50 | 30.2500        | 166.375        | 915.063        | 5032.84        |
| 5.01 | 25.1001        | 125.752        | 630.015        | 3156.38        | 5.51 | 30.3601        | 167.284        | 921.736        | 5078.76        |
| 5.02 | 25.2004        | 126.506        | 635.060        | 3188.00        | 5.52 | 30.4704        | 168.197        | 928.445        | 5125.02        |
| 5.03 | 25.3009        | 127.264        | 640.136        | 3219.88        | 5.53 | 30.5809        | 169.112        | 935.191        | 5171.61        |
| 5.04 | 25.4016        | 128.024        | 645.241        | 3252.02        | 5.54 | 30.6916        | 170.031        | 941.974        | 5218.54        |
| 5.05 | 25.5025        | 128.788        | 650.378        | 3284.41        | 5.55 | 30.8025        | 170.954        | 948.794        | 5265.81        |
| 5.06 | 25.6036        | 129.554        | 655.544        | 3317.05        | 5.56 | 30.9136        | 171.880        | 955.651        | 5313.42        |
| 5.07 | 25.7049        | 130.324        | 660.742        | 3349.96        | 5.57 | 31.0249        | 172.809        | 962.544        | 5361.37        |
| 5.08 | 25.8064        | 131.097        | 665.970        | 3383.13        | 5.58 | 31.1364        | 173.741        | 969.475        | 5409.67        |
| 5.09 | 25.9081        | 131.872        | 671.230        | 3416.56        | 5.59 | 31.2481        | 174.677        | 976.444        | 5458.32        |
| 5.10 | 26.0100        | 132.651        | 676.520        | 3450.25        | 5.60 | 31.3600        | 175.616        | 983.450        | 5507.32        |
| 5.11 | 26.1121        | 133.433        | 681.842        | 3484.21        | 5.61 | 31.4721        | 176.558        | 990.493        | 5556.67        |
| 5.12 | 26.2144        | 134.218        | 687.195        | 3518.44        | 5.62 | 31.5844        | 177.504        | 997.574        | 5606.37        |
| 5.13 | 26.3169        | 135.006        | 692.579        | 3552.93        | 5.63 | 31.6969        | 178.454        | 1004.69        | 5656.42        |
| 5.14 | 26.4196        | 135.797        | 697.995        | 3587.70        | 5.64 | 31.8096        | 179.406        | 1011.85        | 5706.84        |
| 5.15 | 26.5225        | 136.591        | 703.443        | 3622.73        | 5.65 | 31.9225        | 180.362        | 1019.05        | 5757.61        |
| 5.16 | 26.6256        | 137.388        | 708.923        | 3658.04        | 5.66 | 32.0356        | 181.321        | 1026.28        | 5808.74        |
| 5.17 | 26.7289        | 138.188        | 714.434        | 3693.62        | 5.67 | 32.1489        | 182.284        | 1033.55        | 5860.24        |
| 5.18 | 26.8324        | 138.992        | 719.978        | 3729.48        | 5.68 | 32.2624        | 183.250        | 1040.86        | 5912.10        |
| 5.19 | 26.9361        | 139.798        | 725.553        | 3765.62        | 5.69 | 32.3761        | 184.220        | 1048.21        | 5964.33        |
| 5.20 | 27.0400        | 140.608        | 731.162        | 3802.04        | 5.70 | 32.4900        | 185.193        | 1055.60        | 6016.92        |
| 5.21 | 27.1441        | 141.421        | 736.802        | 3838.74        | 5.71 | 32.6041        | 186.169        | 1063.03        | 6069.89        |
| 5.22 | 27.2484        | 142.237        | 742.475        | 3875.72        | 5.72 | 32.7184        | 187.149        | 1070.49        | 6123.22        |
| 5.23 | 27.3529        | 143.056        | 748.181        | 3912.99        | 5.73 | 32.8329        | 188.133        | 1078.00        | 6176.94        |
| 5.24 | 27.4576        | 143.878        | 753.920        | 3950.54        | 5.74 | 32.9476        | 189.119        | 1085.54        | 6231.02        |
| 5.25 | 27.5625        | 144.703        | 759.691        | 3988.38        | 5.75 | 33.0625        | 190.109        | 1093.13        | 6285.49        |
| 5.26 | 27.6676        | 145.532        | 765.496        | 4026.51        | 5.76 | 33.1776        | 191.103        | 1100.75        | 6340.34        |
| 5.27 | 27.7729        | 146.363        | 771.334        | 4064.93        | 5.77 | 33.2929        | 192.100        | 1108.42        | 6395.57        |
| 5.28 | 27.8784        | 147.198        | 777.205        | 4103.64        | 5.78 | 33.4084        | 193.101        | 1116.12        | 6451.18        |
| 5.29 | 27.9841        | 148.036        | 783.110        | 4142.65        | 5.79 | 33.5241        | 194.105        | 1123.87        | 6507.18        |
| 5.30 | 28.0900        | 148.877        | 789.048        | 4181.95        | 5.80 | 33.6400        | 195.112        | 1131.65        | 6563.57        |
| 5.31 | 28.1961        | 149.721        | 795.020        | 4221.56        | 5.81 | 33.7561        | 196.123        | 1139.47        | 6620.35        |
| 5.32 | 28.3024        | 150.569        | 801.026        | 4261.46        | 5.82 | 33.8724        | 197.137        | 1147.34        | 6677.52        |
| 5.33 | 28.4089        | 151.419        | 807.066        | 4301.66        | 5.83 | 33.9889        | 198.155        | 1155.25        | 6735.08        |
| 5.34 | 28.5156        | 152.273        | 813.139        | 4342.16        | 5.84 | 34.1056        | 199.177        | 1163.19        | 6793.04        |
| 5.35 | 28.6225        | 153.130        | 819.248        | 4382.97        | 5.85 | 34.2225        | 200.202        | 1171.18        | 6851.40        |
| 5.36 | 28.7296        | 153.991        | 825.390        | 4424.09        | 5.86 | 34.3396        | 201.230        | 1179.21        | 6910.16        |
| 5.37 | 28.8369        | 154.854        | 831.567        | 4465.51        | 5.87 | 34.4569        | 202.262        | 1187.28        | 6969.32        |
| 5.38 | 28.9444        | 155.721        | 837.778        | 4507.25        | 5.88 | 34.5744        | 203.297        | 1195.39        | 7028.89        |
| 5.39 | 29.0521        | 156.591        | 844.025        | 4549.29        | 5.89 | 34.6921        | 204.336        | 1203.54        | 7088.86        |
| 5.40 | 29.1600        | 157.464        | 850.306        | 4591.65        | 5.90 | 34.8100        | 205.379        | 1211.74        | 7149.24        |
| 5.41 | 29.2681        | 158.340        | 856.622        | 4634.32        | 5.91 | 34.9281        | 206.425        | 1219.97        | 7210.04        |
| 5.42 | 29.3764        | 159.220        | 862.973        | 4677.31        | 5.92 | 35.0464        | 207.475        | 1228.25        | 7271.24        |
| 5.43 | 29.4849        | 160.103        | 869.359        | 4720.62        | 5.93 | 35.1649        | 208.528        | 1236.57        | 7332.86        |
| 5.44 | 29.5936        | 160.989        | 875.781        | 4764.25        | 5.94 | 35.2836        | 209.585        | 1244.93        | 7394.90        |
| 5.45 | 29.7025        | 161.879        | 882.239        | 4808.20        | 5.95 | 35.4025        | 210.645        | 1253.34        | 7457.36        |
| 5.46 | 29.8116        | 162.771        | 888.731        | 4852.47        | 5.96 | 35.5216        | 211.709        | 1261.78        | 7520.23        |
| 5.47 | 29.9209        | 163.667        | 895.260        | 4897.07        | 5.97 | 35.6409        | 212.776        | 1270.27        | 7583.53        |
| 5.48 | 30.0304        | 164.567        | 901.825        | 4942.00        | 5.98 | 35.7604        | 213.847        | 1278.81        | 7647.26        |
| 5.49 | 30.1401        | 165.469        | 908.426        | 4987.26        | 5.99 | 35.8801        | 214.922        | 1287.38        | 7711.42        |
| 5.50 | 30.2500        | 166.375        | 915.063        | 5032.84        | 6.00 | 36.0000        | 216.000        | 1296.00        | 7776.00        |

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|
| 6.00 | 36.0000        | 216.000        | 1296.00        | 7776.00        | 6.50 | 42.2500        | 274.625        | 1785.06        | 11602.9        |
| 6.01 | 36.1201        | 217.082        | 1304.66        | 7841.02        | 6.51 | 42.3801        | 275.894        | 1796.07        | 11692.4        |
| 6.02 | 36.2404        | 218.167        | 1313.37        | 7906.47        | 6.52 | 42.5104        | 277.168        | 1807.13        | 11782.5        |
| 6.03 | 36.3609        | 219.256        | 1322.12        | 7972.35        | 6.53 | 42.6409        | 278.445        | 1818.25        | 11873.1        |
| 6.04 | 36.4816        | 220.349        | 1330.91        | 8038.68        | 6.54 | 42.7716        | 279.726        | 1829.41        | 11965.3        |
| 6.05 | 36.6025        | 221.445        | 1339.74        | 8105.45        | 6.55 | 42.9025        | 281.011        | 1840.62        | 12056.1        |
| 6.06 | 36.7236        | 222.545        | 1348.62        | 8172.65        | 6.56 | 43.0336        | 282.300        | 1851.89        | 12148.4        |
| 6.07 | 36.8449        | 223.649        | 1357.55        | 8240.31        | 6.57 | 43.1649        | 283.593        | 1863.21        | 12241.3        |
| 6.08 | 36.9664        | 224.756        | 1366.51        | 8308.41        | 6.58 | 43.2964        | 284.890        | 1874.58        | 12334.7        |
| 6.09 | 37.0881        | 225.867        | 1375.53        | 8376.96        | 6.59 | 43.4281        | 286.191        | 1886.00        | 12428.7        |
| 6.10 | 37.2100        | 226.981        | 1384.58        | 8445.96        | 6.60 | 43.5600        | 287.496        | 1897.47        | 12523.3        |
| 6.11 | 37.3321        | 228.099        | 1393.69        | 8515.42        | 6.61 | 43.6921        | 288.805        | 1909.00        | 12618.5        |
| 6.12 | 37.4544        | 229.221        | 1402.83        | 8585.33        | 6.62 | 43.8244        | 290.118        | 1920.58        | 12714.2        |
| 6.13 | 37.5769        | 230.346        | 1412.02        | 8655.70        | 6.63 | 43.9569        | 291.434        | 1932.21        | 12810.5        |
| 6.14 | 37.6996        | 231.476        | 1421.26        | 8726.54        | 6.64 | 44.0896        | 292.755        | 1943.89        | 12907.4        |
| 6.15 | 37.8225        | 232.608        | 1430.54        | 8797.83        | 6.65 | 44.2225        | 294.080        | 1955.63        | 13004.9        |
| 6.16 | 37.9456        | 233.745        | 1439.87        | 8869.59        | 6.66 | 44.3556        | 295.408        | 1967.42        | 13103.0        |
| 6.17 | 38.0689        | 234.885        | 1449.24        | 8941.82        | 6.67 | 44.4889        | 296.741        | 1979.26        | 13201.7        |
| 6.18 | 38.1924        | 236.029        | 1458.66        | 9014.52        | 6.68 | 44.6224        | 298.078        | 1991.16        | 13300.9        |
| 6.19 | 38.3161        | 237.177        | 1468.12        | 9087.68        | 6.69 | 44.7561        | 299.418        | 2003.11        | 13400.8        |
| 6.20 | 38.4400        | 238.328        | 1477.63        | 9161.33        | 6.70 | 44.8900        | 300.763        | 2015.11        | 13501.3        |
| 6.21 | 38.5641        | 239.483        | 1487.19        | 9235.45        | 6.71 | 45.0241        | 302.112        | 2027.17        | 13602.3        |
| 6.22 | 38.6884        | 240.642        | 1496.79        | 9310.05        | 6.72 | 45.1584        | 303.464        | 2039.28        | 13704.0        |
| 6.23 | 38.8129        | 241.804        | 1506.44        | 9385.13        | 6.73 | 45.2929        | 304.821        | 2051.45        | 13806.2        |
| 6.24 | 38.9376        | 242.971        | 1516.14        | 9460.69        | 6.74 | 45.4276        | 306.182        | 2063.67        | 13909.1        |
| 6.25 | 39.0625        | 244.141        | 1525.88        | 9536.74        | 6.75 | 45.5625        | 307.547        | 2075.94        | 14012.6        |
| 6.26 | 39.1876        | 245.314        | 1535.67        | 9613.28        | 6.76 | 45.6976        | 308.916        | 2088.27        | 14116.7        |
| 6.27 | 39.3129        | 246.492        | 1545.50        | 9690.31        | 6.77 | 45.8329        | 310.289        | 2100.65        | 14221.4        |
| 6.28 | 39.4384        | 247.673        | 1555.39        | 9767.83        | 6.78 | 45.9684        | 311.666        | 2113.09        | 14326.8        |
| 6.29 | 39.5641        | 248.858        | 1565.32        | 9845.85        | 6.79 | 46.1041        | 313.047        | 2125.59        | 14432.7        |
| 6.30 | 39.6900        | 250.047        | 1575.30        | 9924.37        | 6.80 | 46.2400        | 314.432        | 2138.14        | 14539.3        |
| 6.31 | 39.8161        | 251.240        | 1585.32        | 10003.4        | 6.81 | 46.3761        | 315.821        | 2150.74        | 14646.6        |
| 6.32 | 39.9424        | 252.436        | 1595.40        | 10082.9        | 6.82 | 46.5124        | 317.215        | 2163.40        | 14754.4        |
| 6.33 | 40.0689        | 253.636        | 1605.52        | 10162.9        | 6.83 | 46.6489        | 318.612        | 2176.12        | 14862.9        |
| 6.34 | 40.1956        | 254.840        | 1615.69        | 10243.5        | 6.84 | 46.7856        | 320.014        | 2188.89        | 14972.0        |
| 6.35 | 40.3225        | 256.048        | 1625.90        | 10324.5        | 6.85 | 46.9225        | 321.419        | 2201.72        | 15081.8        |
| 6.36 | 40.4496        | 257.259        | 1636.17        | 10406.0        | 6.86 | 47.0596        | 322.829        | 2214.61        | 15192.2        |
| 6.37 | 40.5769        | 258.475        | 1646.48        | 10488.1        | 6.87 | 47.1969        | 324.243        | 2227.55        | 15303.3        |
| 6.38 | 40.7044        | 259.694        | 1656.85        | 10570.7        | 6.88 | 47.3344        | 325.661        | 2240.55        | 15415.0        |
| 6.39 | 40.8321        | 260.917        | 1667.26        | 10653.8        | 6.89 | 47.4721        | 327.083        | 2253.60        | 15527.3        |
| 6.40 | 40.9600        | 262.144        | 1677.72        | 10737.4        | 6.90 | 47.6100        | 328.509        | 2266.71        | 15640.3        |
| 6.41 | 41.0881        | 263.375        | 1688.23        | 10821.6        | 6.91 | 47.7481        | 329.939        | 2279.88        | 15754.0        |
| 6.42 | 41.2164        | 264.609        | 1698.79        | 10906.2        | 6.92 | 47.8864        | 331.374        | 2293.11        | 15868.3        |
| 6.43 | 41.3449        | 265.848        | 1709.40        | 10991.4        | 6.93 | 48.0249        | 332.813        | 2306.39        | 15983.3        |
| 6.44 | 41.4736        | 267.090        | 1720.06        | 11077.2        | 6.94 | 48.1636        | 334.255        | 2319.73        | 16098.9        |
| 6.45 | 41.6025        | 268.336        | 1730.77        | 11163.5        | 6.95 | 48.3025        | 335.702        | 2333.13        | 16215.3        |
| 6.46 | 41.7316        | 269.586        | 1741.53        | 11250.3        | 6.96 | 48.4416        | 337.154        | 2346.59        | 16332.3        |
| 6.47 | 41.8609        | 270.840        | 1752.33        | 11337.6        | 6.97 | 48.5809        | 338.609        | 2360.10        | 16449.9        |
| 6.48 | 41.9904        | 272.098        | 1763.19        | 11425.5        | 6.98 | 48.7204        | 340.068        | 2373.68        | 16568.3        |
| 6.49 | 42.1201        | 273.359        | 1774.10        | 11513.9        | 6.99 | 48.8601        | 341.532        | 2387.32        | 16687.3        |
| 6.50 | 42.2500        | 274.625        | 1785.06        | 11602.9        | 7.00 | 49.0000        | 343.000        | 2401.00        | 16807.0        |

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|
| 7.00 | 49.0000        | 343.000        | 2401.00        | 16807.0        | 7.50 | 56.2500        | 421.875        | 3164.06        | 23730.5        |
| 7.01 | 49.1401        | 344.472        | 2414.75        | 16927.4        | 7.51 | 56.4001        | 423.565        | 3180.97        | 23889.1        |
| 7.02 | 49.2804        | 345.948        | 2428.56        | 17048.5        | 7.52 | 56.5504        | 425.259        | 3197.95        | 24048.6        |
| 7.03 | 49.4209        | 347.429        | 2442.43        | 17170.3        | 7.53 | 56.7009        | 426.958        | 3214.99        | 24208.9        |
| 7.04 | 49.5616        | 348.914        | 2456.35        | 17292.7        | 7.54 | 56.8516        | 428.661        | 3232.10        | 24370.1        |
| 7.05 | 49.7025        | 350.403        | 2470.34        | 17415.9        | 7.55 | 57.0025        | 430.369        | 3249.29        | 24532.1        |
| 7.06 | 49.8436        | 351.896        | 2484.38        | 17539.8        | 7.56 | 57.1536        | 432.081        | 3266.53        | 24695.0        |
| 7.07 | 49.9849        | 353.393        | 2498.49        | 17664.3        | 7.57 | 57.3049        | 433.798        | 3283.85        | 24858.8        |
| 7.08 | 50.1264        | 354.895        | 2512.66        | 17789.6        | 7.58 | 57.4564        | 435.520        | 3301.24        | 25023.4        |
| 7.09 | 50.2681        | 356.401        | 2526.88        | 17915.6        | 7.59 | 57.6081        | 437.245        | 3318.69        | 25188.9        |
| 7.10 | 50.4100        | 357.911        | 2541.17        | 18042.3        | 7.60 | 57.7600        | 438.976        | 3336.22        | 25355.3        |
| 7.11 | 50.5521        | 359.425        | 2555.51        | 18169.7        | 7.61 | 57.9121        | 440.711        | 3353.81        | 25522.5        |
| 7.12 | 50.6944        | 360.944        | 2569.92        | 18297.8        | 7.62 | 58.0644        | 442.451        | 3371.47        | 25690.6        |
| 7.13 | 50.8369        | 362.467        | 2584.39        | 18426.7        | 7.63 | 58.2169        | 444.195        | 3389.21        | 25859.7        |
| 7.14 | 50.9796        | 363.994        | 2598.92        | 18556.3        | 7.64 | 58.3696        | 445.944        | 3407.01        | 26029.6        |
| 7.15 | 51.1225        | 365.526        | 2613.51        | 18686.6        | 7.65 | 58.5225        | 447.697        | 3424.88        | 26200.4        |
| 7.16 | 51.2656        | 367.062        | 2628.16        | 18817.6        | 7.66 | 58.6756        | 449.455        | 3442.83        | 26372.0        |
| 7.17 | 51.4089        | 368.602        | 2642.88        | 18949.4        | 7.67 | 58.8289        | 451.218        | 3460.84        | 26544.6        |
| 7.18 | 51.5524        | 370.146        | 2657.65        | 19081.9        | 7.68 | 58.9824        | 452.985        | 3478.92        | 26718.1        |
| 7.19 | 51.6961        | 371.695        | 2672.49        | 19215.2        | 7.69 | 59.1361        | 454.757        | 3497.08        | 26892.5        |
| 7.20 | 51.8400        | 373.248        | 2687.39        | 19349.2        | 7.70 | 59.2900        | 456.533        | 3515.30        | 27067.8        |
| 7.21 | 51.9841        | 374.805        | 2702.35        | 19483.9        | 7.71 | 59.4441        | 458.314        | 3533.60        | 27244.1        |
| 7.22 | 52.1284        | 376.367        | 2717.37        | 19619.4        | 7.72 | 59.5984        | 460.100        | 3551.97        | 27421.2        |
| 7.23 | 52.2729        | 377.933        | 2732.46        | 19755.7        | 7.73 | 59.7529        | 461.890        | 3570.41        | 27599.3        |
| 7.24 | 52.4176        | 379.503        | 2747.60        | 19892.7        | 7.74 | 59.9076        | 463.685        | 3588.92        | 27778.2        |
| 7.25 | 52.5625        | 381.078        | 2762.82        | 20030.4        | 7.75 | 60.0625        | 465.484        | 3607.50        | 27958.2        |
| 7.26 | 52.7076        | 382.657        | 2778.09        | 20168.9        | 7.76 | 60.2176        | 467.289        | 3626.16        | 28139.0        |
| 7.27 | 52.8529        | 384.241        | 2793.43        | 20308.2        | 7.77 | 60.3729        | 469.097        | 3644.89        | 28320.8        |
| 7.28 | 52.9984        | 385.828        | 2808.83        | 20448.3        | 7.78 | 60.5284        | 470.911        | 3663.69        | 28503.5        |
| 7.29 | 53.1441        | 387.420        | 2824.30        | 20589.1        | 7.79 | 60.6841        | 472.729        | 3682.56        | 28687.1        |
| 7.30 | 53.2900        | 389.017        | 2839.82        | 20730.7        | 7.80 | 60.8400        | 474.552        | 3701.51        | 28871.7        |
| 7.31 | 53.4361        | 390.618        | 2855.42        | 20873.1        | 7.81 | 60.9961        | 476.380        | 3720.52        | 29057.3        |
| 7.32 | 53.5824        | 392.223        | 2871.07        | 21016.3        | 7.82 | 61.1524        | 478.212        | 3739.62        | 29243.8        |
| 7.33 | 53.7289        | 393.833        | 2886.80        | 21160.2        | 7.83 | 61.3089        | 480.049        | 3758.78        | 29431.3        |
| 7.34 | 53.8756        | 395.447        | 2902.58        | 21304.9        | 7.84 | 61.4656        | 481.890        | 3778.02        | 29619.7        |
| 7.35 | 54.0225        | 397.065        | 2918.43        | 21450.5        | 7.85 | 61.6225        | 483.737        | 3797.33        | 29809.1        |
| 7.36 | 54.1696        | 398.688        | 2934.35        | 21596.8        | 7.86 | 61.7796        | 485.588        | 3816.72        | 29999.4        |
| 7.37 | 54.3169        | 400.316        | 2950.33        | 21743.9        | 7.87 | 61.9369        | 487.443        | 3836.18        | 30190.7        |
| 7.38 | 54.4644        | 401.947        | 2966.37        | 21891.8        | 7.88 | 62.0944        | 489.304        | 3855.71        | 30383.0        |
| 7.39 | 54.6121        | 403.583        | 2982.48        | 22040.5        | 7.89 | 62.2521        | 491.169        | 3875.32        | 30576.3        |
| 7.40 | 54.7600        | 405.224        | 2998.66        | 22190.1        | 7.90 | 62.4100        | 493.039        | 3895.01        | 30770.6        |
| 7.41 | 54.9081        | 406.869        | 3014.90        | 22340.4        | 7.91 | 62.5681        | 494.914        | 3914.77        | 30965.8        |
| 7.42 | 55.0564        | 408.518        | 3031.21        | 22491.6        | 7.92 | 62.7264        | 496.793        | 3934.60        | 31162.0        |
| 7.43 | 55.2049        | 410.172        | 3047.58        | 22643.5        | 7.93 | 62.8849        | 498.677        | 3954.51        | 31359.3        |
| 7.44 | 55.3536        | 411.831        | 3064.02        | 22796.3        | 7.94 | 63.0436        | 500.566        | 3974.50        | 31557.5        |
| 7.45 | 55.5025        | 413.494        | 3080.53        | 22949.9        | 7.95 | 63.2025        | 502.460        | 3994.56        | 31756.7        |
| 7.46 | 55.6516        | 415.161        | 3097.10        | 23104.4        | 7.96 | 63.3616        | 504.358        | 4014.69        | 31957.0        |
| 7.47 | 55.8009        | 416.833        | 3113.74        | 23259.6        | 7.97 | 63.5209        | 506.262        | 4034.90        | 32158.2        |
| 7.48 | 55.9504        | 418.509        | 3130.45        | 23415.7        | 7.98 | 63.6804        | 508.170        | 4055.19        | 32360.4        |
| 7.49 | 56.1001        | 420.190        | 3147.22        | 23572.7        | 7.99 | 63.8401        | 510.082        | 4075.56        | 32563.7        |
| 7.50 | 56.2500        | 421.875        | 3164.06        | 23730.5        | 8.00 | 64.0000        | 512.000        | 4096.00        | 32768.0        |

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|
| 8.00 | 64.0000        | 512.000        | 4096.00        | 32768.0        | 8.50 | 72.2500        | 614.125        | 5220.06        | 44370.5        |
| 8.01 | 64.1601        | 513.922        | 4116.52        | 32973.3        | 8.51 | 72.4201        | 616.295        | 5244.67        | 44632.1        |
| 8.02 | 64.3204        | 515.850        | 4137.11        | 33179.7        | 8.52 | 72.5904        | 618.470        | 5269.37        | 44895.0        |
| 8.03 | 64.4809        | 517.782        | 4157.79        | 33387.0        | 8.53 | 72.7609        | 620.650        | 5294.15        | 45159.1        |
| 8.04 | 64.6416        | 519.718        | 4178.54        | 33595.4        | 8.54 | 72.9316        | 622.836        | 5319.02        | 45424.4        |
| 8.05 | 64.8025        | 521.660        | 4199.36        | 33804.9        | 8.55 | 73.1025        | 625.026        | 5343.98        | 45691.0        |
| 8.06 | 64.9636        | 523.607        | 4220.27        | 34015.4        | 8.56 | 73.2736        | 627.222        | 5369.02        | 45958.8        |
| 8.07 | 65.1249        | 525.558        | 4241.25        | 34226.9        | 8.57 | 73.4449        | 629.423        | 5394.15        | 46227.9        |
| 8.08 | 65.2864        | 527.514        | 4262.31        | 34439.5        | 8.58 | 73.6164        | 631.629        | 5419.37        | 46498.2        |
| 8.09 | 65.4481        | 529.475        | 4283.45        | 34653.1        | 8.59 | 73.7881        | 633.840        | 5444.68        | 46769.8        |
| 8.10 | 65.6100        | 531.441        | 4304.67        | 34867.8        | 8.60 | 73.9600        | 636.056        | 5470.08        | 47042.7        |
| 8.11 | 65.7721        | 533.412        | 4325.97        | 35083.6        | 8.61 | 74.1321        | 638.277        | 5495.57        | 47316.8        |
| 8.12 | 65.9344        | 535.387        | 4347.35        | 35300.4        | 8.62 | 74.3044        | 640.504        | 5521.14        | 47592.3        |
| 8.13 | 66.0969        | 537.368        | 4368.80        | 35518.3        | 8.63 | 74.4769        | 642.736        | 5546.81        | 47869.0        |
| 8.14 | 66.2596        | 539.353        | 4390.33        | 35737.3        | 8.64 | 74.6496        | 644.973        | 5572.56        | 48146.9        |
| 8.15 | 66.4225        | 541.343        | 4411.95        | 35957.4        | 8.65 | 74.8225        | 647.215        | 5598.41        | 48426.2        |
| 8.16 | 66.5856        | 543.338        | 4433.64        | 36178.5        | 8.66 | 74.9956        | 649.462        | 5624.34        | 48706.8        |
| 8.17 | 66.7489        | 545.339        | 4455.42        | 36400.7        | 8.67 | 75.1689        | 651.714        | 5650.35        | 48988.7        |
| 8.18 | 66.9124        | 547.343        | 4477.27        | 36624.1        | 8.68 | 75.3424        | 653.972        | 5676.48        | 49276.8        |
| 8.19 | 67.0761        | 549.353        | 4499.20        | 36848.5        | 8.69 | 75.5161        | 656.235        | 5702.68        | 49556.3        |
| 8.20 | 67.2400        | 551.368        | 4521.22        | 37074.0        | 8.70 | 75.6900        | 658.503        | 5728.98        | 49842.1        |
| 8.21 | 67.4041        | 553.388        | 4543.31        | 37300.6        | 8.71 | 75.8641        | 660.776        | 5755.36        | 50129.2        |
| 8.22 | 67.5684        | 555.412        | 4565.49        | 37528.3        | 8.72 | 76.0384        | 663.055        | 5781.84        | 50417.6        |
| 8.23 | 67.7329        | 557.442        | 4587.75        | 37757.1        | 8.73 | 76.2129        | 665.339        | 5808.41        | 50707.4        |
| 8.24 | 67.8976        | 559.476        | 4610.08        | 37987.1        | 8.74 | 76.3876        | 667.628        | 5835.07        | 50998.5        |
| 8.25 | 68.0625        | 561.516        | 4632.50        | 38218.2        | 8.75 | 76.5625        | 669.922        | 5861.82        | 51290.9        |
| 8.26 | 68.2276        | 563.560        | 4655.01        | 38450.3        | 8.76 | 76.7376        | 672.221        | 5888.66        | 51584.7        |
| 8.27 | 68.3929        | 565.609        | 4677.59        | 38683.7        | 8.77 | 76.9129        | 674.526        | 5915.59        | 51879.8        |
| 8.28 | 68.5584        | 567.664        | 4700.25        | 38918.1        | 8.78 | 77.0884        | 676.836        | 5942.62        | 52176.2        |
| 8.29 | 68.7241        | 569.723        | 4723.00        | 39153.7        | 8.79 | 77.2641        | 679.151        | 5969.74        | 52474.0        |
| 8.30 | 68.8900        | 571.787        | 4745.83        | 39390.4        | 8.80 | 77.4400        | 681.472        | 5996.95        | 52773.2        |
| 8.31 | 69.0561        | 573.856        | 4768.74        | 39628.3        | 8.81 | 77.6161        | 683.798        | 6024.26        | 53073.7        |
| 8.32 | 69.2224        | 575.930        | 4791.74        | 39867.3        | 8.82 | 77.7924        | 686.129        | 6051.66        | 53375.6        |
| 8.33 | 69.3889        | 578.010        | 4814.82        | 40107.4        | 8.83 | 77.9689        | 688.465        | 6079.15        | 53678.9        |
| 8.34 | 69.5556        | 580.094        | 4837.98        | 40348.8        | 8.84 | 78.1456        | 690.807        | 6106.73        | 53983.5        |
| 8.35 | 69.7225        | 582.183        | 4861.23        | 40591.2        | 8.85 | 78.3225        | 693.154        | 6134.41        | 54289.6        |
| 8.36 | 69.8896        | 584.277        | 4884.56        | 40834.9        | 8.86 | 78.4996        | 695.506        | 6162.19        | 54597.0        |
| 8.37 | 70.0569        | 586.376        | 4907.97        | 41079.7        | 8.87 | 78.6769        | 697.864        | 6190.05        | 54905.8        |
| 8.38 | 70.2244        | 588.480        | 4931.47        | 41325.7        | 8.88 | 78.8544        | 700.227        | 6218.02        | 55216.0        |
| 8.39 | 70.3921        | 590.590        | 4955.05        | 41572.9        | 8.89 | 79.0321        | 702.595        | 6246.07        | 55527.6        |
| 8.40 | 70.5600        | 592.704        | 4978.71        | 41821.2        | 8.90 | 79.2100        | 704.969        | 6274.22        | 55840.6        |
| 8.41 | 70.7281        | 594.823        | 5002.46        | 42070.7        | 8.91 | 79.3881        | 707.348        | 6302.47        | 56155.0        |
| 8.42 | 70.8964        | 596.948        | 5026.30        | 42321.4        | 8.92 | 79.5664        | 709.732        | 6330.81        | 56470.8        |
| 8.43 | 71.0649        | 599.077        | 5050.22        | 42573.4        | 8.93 | 79.7449        | 712.122        | 6359.25        | 56788.1        |
| 8.44 | 71.2336        | 601.212        | 5074.23        | 42826.5        | 8.94 | 79.9236        | 714.517        | 6387.78        | 57106.8        |
| 8.45 | 71.4025        | 603.351        | 5098.32        | 43080.8        | 8.95 | 80.1025        | 716.917        | 6416.41        | 57426.9        |
| 8.46 | 71.5716        | 605.496        | 5122.49        | 43336.3        | 8.96 | 80.2816        | 719.323        | 6445.14        | 57748.4        |
| 8.47 | 71.7409        | 607.645        | 5146.76        | 43593.0        | 8.97 | 80.4609        | 721.734        | 6473.96        | 58071.4        |
| 8.48 | 71.9104        | 609.800        | 5171.11        | 43851.0        | 8.98 | 80.6404        | 724.151        | 6502.87        | 58395.8        |
| 8.49 | 72.0801        | 611.960        | 5195.54        | 44110.1        | 8.99 | 80.8201        | 726.573        | 6531.89        | 58721.7        |
| 8.50 | 72.2500        | 614.125        | 5220.06        | 44370.5        | 9.00 | 81.0000        | 729.000        | 6561.00        | 59049.0        |

| n    | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> | n     | n <sup>2</sup> | n <sup>3</sup> | n <sup>4</sup> | n <sup>5</sup> |
|------|----------------|----------------|----------------|----------------|-------|----------------|----------------|----------------|----------------|
| 9.00 | 81.0000        | 729.000        | 6561.00        | 59049.0        | 9.50  | 90.2500        | 857.375        | 8145.06        | 77378.1        |
| 9.01 | 81.1801        | 731.433        | 6590.21        | 59377.8        | 9.51  | 90.4401        | 860.085        | 8179.41        | 77786.2        |
| 9.02 | 81.3604        | 733.871        | 6619.51        | 59708.0        | 9.52  | 90.6304        | 862.801        | 8213.87        | 78196.0        |
| 9.03 | 81.5409        | 736.314        | 6648.92        | 60039.7        | 9.53  | 90.8209        | 865.523        | 8248.44        | 78607.6        |
| 9.04 | 81.7216        | 738.763        | 6678.42        | 60372.0        | 9.54  | 91.0116        | 868.251        | 8283.11        | 79020.9        |
| 9.05 | 81.9025        | 741.218        | 6708.02        | 60707.6        | 9.55  | 91.2025        | 870.984        | 8317.90        | 79435.9        |
| 9.06 | 82.0836        | 743.677        | 6737.72        | 61043.7        | 9.56  | 91.3936        | 873.723        | 8352.79        | 79852.7        |
| 9.07 | 82.2649        | 746.143        | 6767.51        | 61381.3        | 9.57  | 91.5849        | 876.467        | 8387.79        | 80271.2        |
| 9.08 | 82.4464        | 748.613        | 6797.41        | 61720.5        | 9.58  | 91.7764        | 879.218        | 8422.91        | 80691.5        |
| 9.09 | 82.6281        | 751.089        | 6827.40        | 62061.1        | 9.59  | 91.9681        | 881.974        | 8458.13        | 81113.5        |
| 9.10 | 82.8100        | 753.571        | 6857.50        | 62403.2        | 9.60  | 92.1600        | 884.736        | 8493.47        | 81537.7        |
| 9.11 | 82.9921        | 756.058        | 6887.69        | 62746.8        | 9.61  | 92.3521        | 887.504        | 8528.91        | 81962.8        |
| 9.12 | 83.1744        | 758.551        | 6917.98        | 63092.0        | 9.62  | 92.5444        | 890.277        | 8564.47        | 82390.2        |
| 9.13 | 83.3569        | 761.048        | 6948.37        | 63438.6        | 9.63  | 92.7369        | 893.056        | 8600.13        | 82819.3        |
| 9.14 | 83.5396        | 763.552        | 6978.86        | 63786.8        | 9.64  | 92.9296        | 895.841        | 8635.91        | 83250.2        |
| 9.15 | 83.7225        | 766.061        | 7009.46        | 64136.5        | 9.65  | 93.1225        | 898.632        | 8671.80        | 83682.9        |
| 9.16 | 83.9056        | 768.575        | 7040.15        | 64487.8        | 9.66  | 93.3156        | 901.429        | 8707.80        | 84117.4        |
| 9.17 | 84.0889        | 771.095        | 7070.94        | 64840.5        | 9.67  | 93.5089        | 904.231        | 8743.91        | 84553.7        |
| 9.18 | 84.2724        | 773.621        | 7101.84        | 65194.9        | 9.68  | 93.7024        | 907.039        | 8780.14        | 84991.8        |
| 9.19 | 84.4561        | 776.152        | 7132.83        | 65550.7        | 9.69  | 93.8961        | 909.853        | 8816.48        | 85431.7        |
| 9.20 | 84.6400        | 778.688        | 7163.93        | 65908.2        | 9.70  | 94.0900        | 912.673        | 8852.93        | 85873.4        |
| 9.21 | 84.8241        | 781.230        | 7195.13        | 66267.1        | 9.71  | 94.2841        | 915.499        | 8889.49        | 86317.0        |
| 9.22 | 85.0084        | 783.777        | 7226.43        | 66627.7        | 9.72  | 94.4784        | 918.330        | 8926.17        | 86762.4        |
| 9.23 | 85.1929        | 786.330        | 7257.83        | 66989.8        | 9.73  | 94.6729        | 921.167        | 8962.96        | 87209.6        |
| 9.24 | 85.3776        | 788.889        | 7289.33        | 67353.5        | 9.74  | 94.8676        | 924.010        | 8999.86        | 87658.7        |
| 9.25 | 85.5625        | 791.453        | 7320.94        | 67718.7        | 9.75  | 95.0625        | 926.859        | 9030.88        | 88109.6        |
| 9.26 | 85.7476        | 794.023        | 7352.65        | 68085.5        | 9.76  | 95.2576        | 929.714        | 9074.01        | 88562.3        |
| 9.27 | 85.9329        | 796.598        | 7384.46        | 68454.0        | 9.77  | 95.4529        | 932.575        | 9111.26        | 89017.0        |
| 9.28 | 86.1184        | 799.179        | 7416.38        | 68824.0        | 9.78  | 95.6484        | 935.441        | 9148.62        | 89473.5        |
| 9.29 | 86.3041        | 801.765        | 7448.40        | 69195.6        | 9.79  | 95.8441        | 938.314        | 9186.09        | 89931.8        |
| 9.30 | 86.4900        | 804.357        | 7480.52        | 69568.8        | 9.80  | 96.0400        | 941.192        | 9223.68        | 90392.1        |
| 9.31 | 86.6761        | 806.954        | 7512.75        | 69943.7        | 9.81  | 96.2361        | 944.076        | 9261.39        | 90854.2        |
| 9.32 | 86.8624        | 809.556        | 7545.08        | 70320.1        | 9.82  | 96.4324        | 946.966        | 9299.21        | 91318.2        |
| 9.33 | 87.0489        | 812.166        | 7577.51        | 70698.2        | 9.83  | 96.6289        | 949.862        | 9337.14        | 91784.1        |
| 9.34 | 87.2356        | 814.781        | 7610.05        | 71077.9        | 9.84  | 96.8256        | 952.764        | 9375.20        | 92251.9        |
| 9.35 | 87.4225        | 817.400        | 7642.69        | 71459.2        | 9.85  | 97.0225        | 955.672        | 9413.37        | 92721.7        |
| 9.36 | 87.6096        | 820.026        | 7675.44        | 71842.1        | 9.86  | 97.2196        | 958.585        | 9451.65        | 93193.3        |
| 9.37 | 87.7969        | 822.657        | 7708.30        | 72226.7        | 9.87  | 97.4169        | 961.505        | 9490.05        | 93666.8        |
| 9.38 | 87.9844        | 825.294        | 7741.26        | 72613.0        | 9.88  | 97.6144        | 964.430        | 9528.57        | 94142.3        |
| 9.39 | 88.1721        | 827.936        | 7774.32        | 73000.9        | 9.89  | 97.8121        | 967.362        | 9567.21        | 94619.7        |
| 9.40 | 88.3600        | 830.584        | 7807.49        | 73390.4        | 9.90  | 98.0100        | 970.299        | 9605.96        | 95099.0        |
| 9.41 | 88.5481        | 833.238        | 7840.77        | 73781.6        | 9.91  | 98.2081        | 973.242        | 9644.83        | 95580.3        |
| 9.42 | 88.7364        | 835.897        | 7874.15        | 74174.5        | 9.92  | 98.4064        | 976.191        | 9683.82        | 96063.5        |
| 9.43 | 88.9249        | 838.562        | 7907.64        | 74569.0        | 9.93  | 98.6049        | 979.147        | 9722.93        | 96548.7        |
| 9.44 | 89.1136        | 841.232        | 7941.23        | 74965.2        | 9.94  | 98.8036        | 982.108        | 9762.15        | 97035.8        |
| 9.45 | 89.3025        | 843.909        | 7974.94        | 75363.1        | 9.95  | 99.0025        | 985.075        | 9801.50        | 97524.9        |
| 9.46 | 89.4916        | 846.591        | 8008.75        | 75762.7        | 9.96  | 99.2016        | 988.048        | 9840.96        | 98015.9        |
| 9.47 | 89.6809        | 849.278        | 8042.66        | 76164.0        | 9.97  | 99.4009        | 991.027        | 9880.54        | 98509.0        |
| 9.48 | 89.8704        | 851.971        | 8076.69        | 76567.0        | 9.98  | 99.6004        | 994.012        | 9920.24        | 99004.0        |
| 9.49 | 90.0601        | 854.670        | 8110.82        | 76971.7        | 9.99  | 99.8001        | 997.003        | 9960.06        | 99501.0        |
| 9.50 | 90.2500        | 857.375        | 8145.06        | 77378.1        | 10.00 | 100.0000       | 1000.00        | 10000.0        | 100000         |

POTENCIAS SEGUNDA, TERCERA, CUARTA Y QUINTA  
DE LOS NUEVE PRIMEROS NÚMEROS

| $n$ | $n^2$ | $n^3$ | $n^4$ | $n^5$ |
|-----|-------|-------|-------|-------|
| 1   | 1     | 1     | 1     | 1     |
| 2   | 4     | 8     | 16    | 32    |
| 3   | 9     | 27    | 81    | 243   |
| 4   | 16    | 64    | 256   | 1024  |
| 5   | 25    | 125   | 625   | 3125  |
| 6   | 36    | 216   | 1296  | 7776  |
| 7   | 49    | 343   | 2401  | 16807 |
| 8   | 64    | 512   | 4096  | 32768 |
| 9   | 81    | 729   | 6561  | 59049 |

RAÍCES CUADRADA Y CÚBICA DE ALGUNAS FRACCIONES

| $n$           | $\sqrt{n}$ | $\sqrt[3]{n}$ | $n$           | $\sqrt{n}$ | $\sqrt[3]{n}$ | $n$           | $\sqrt{n}$ | $\sqrt[3]{n}$ | $n$            | $\sqrt{n}$ | $\sqrt[3]{n}$ |
|---------------|------------|---------------|---------------|------------|---------------|---------------|------------|---------------|----------------|------------|---------------|
| $\frac{1}{2}$ | 0,5773     | 0,6933        | $\frac{1}{7}$ | 0,3779     | 0,5227        | $\frac{1}{8}$ | 0,3535     | 0,5000        | $\frac{4}{9}$  | 0,6666     | 0,7631        |
| $\frac{2}{3}$ | 0,8165     | 0,8735        | $\frac{2}{7}$ | 0,5345     | 0,6586        | $\frac{3}{8}$ | 0,6123     | 0,7211        | $\frac{5}{9}$  | 0,7453     | 0,8220        |
| $\frac{3}{4}$ | 0,5000     | 0,6299        | $\frac{3}{7}$ | 0,6546     | 0,7539        | $\frac{6}{8}$ | 0,7905     | 0,8549        | $\frac{7}{9}$  | 0,8819     | 0,9196        |
| $\frac{4}{5}$ | 0,8660     | 0,9085        | $\frac{4}{7}$ | 0,7559     | 0,8298        | $\frac{7}{8}$ | 0,9354     | 0,9564        | $\frac{1}{12}$ | 0,2886     | 0,4367        |
| $\frac{5}{6}$ | 0,4082     | 0,5503        | $\frac{5}{7}$ | 0,8451     | 0,8939        | $\frac{1}{9}$ | 0,3333     | 0,4807        | $\frac{8}{12}$ | 0,6455     | 0,7469        |
| $\frac{6}{7}$ | 0,9128     | 0,9410        | $\frac{6}{7}$ | 0,9258     | 0,9499        | $\frac{2}{9}$ | 0,4714     | 0,6057        | $\frac{7}{12}$ | 0,7637     | 0,8355        |

VALORES DE ALGUNAS CANTIDADES USUALES

$\pi$  = relación entre la circunferencia y el diámetro.

$g$  = aceleración de la gravedad = 9,81 m/reg<sup>2</sup>.

| Cantidad           | Valor numérico | Cantidad                    | Valor numérico | Cantidad                       | Valor numérico |
|--------------------|----------------|-----------------------------|----------------|--------------------------------|----------------|
| $\pi$              | 3,141592654    | $\frac{1}{\pi^5}$           | 0,001040       | $\sqrt[6]{\frac{1}{\pi}}$      | 0,826311       |
| $\frac{1}{2}\pi$   | 1,570796327    | $\sqrt{\pi}$                | 1,772454       | $\log \pi$                     | 0,497149872694 |
| $\frac{1}{3}\pi$   | 1,047197551    | $\sqrt{2\pi}$               | 2,506628       | $\log \frac{1}{\pi}$           | 0,502850-1     |
| $\frac{1}{4}\pi$   | 0,785398163    | $\sqrt{\frac{1}{2}\pi}$     | 1,253314       | $\log \pi^2$                   | 0,994300       |
| $\frac{1}{5}\pi$   | 0,628318531    | $\sqrt{\frac{1}{\pi}}$      | 0,564190       | $\log \frac{1}{\pi^2}$         | 0,005700-1     |
| $\frac{1}{6}\pi$   | 0,523598776    | $\sqrt{\frac{2}{\pi}}$      | 0,797885       | $\log \pi^3$                   | 1,491450       |
| $\frac{1}{7}\pi$   | 0,448941808    | $\sqrt{\frac{3}{\pi}}$      | 0,977205       | $\log \frac{1}{\pi^3}$         | 0,505550-2     |
| $\frac{1}{8}\pi$   | 0,392699082    | $2\sqrt{\pi}$               | 3,544908       | $\log \sqrt{\frac{1}{\pi}}$    | 0,248575       |
| $\frac{1}{9}\pi$   | 0,349065850    | $\pi\sqrt{2}$               | 4,44288        | $\log \sqrt[3]{\frac{1}{\pi}}$ | 0,751425-1     |
| $\frac{1}{12}\pi$  | 0,261799388    | $\pi\sqrt{\pi}$             | 5,568328       | $\log \sqrt[3]{\frac{1}{\pi}}$ | 0,165717       |
| $\frac{1}{30}\pi$  | 0,034906585    | $\frac{1}{\pi\sqrt{\pi}}$   | 0,179594       | $\log \sqrt[3]{\frac{1}{\pi}}$ | 0,834223-1     |
| $\frac{1}{\pi}$    | 0,318310       | $\frac{\pi}{\sqrt{2}}$      | 2,221441       | $\frac{g}{g}$                  | 9,81           |
| $\frac{10}{\pi}$   | 5,092958       | $\sqrt[3]{\frac{1}{\pi}}$   | 1,464592       | $\frac{1}{g}$                  | 0,101936       |
| $\frac{100}{\pi}$  | 57,295780      | $\sqrt[3]{2\pi}$            | 1,845270       | $\frac{1}{2g}$                 | 0,050968       |
| $\pi^2$            | 9,869604       | $\sqrt[3]{\frac{\pi}{2}}$   | 1,162447       | $g^2$                          | 96,2361        |
| $4\pi^2$           | 39,478417      | $\sqrt[3]{\frac{1}{\pi}}$   | 0,682784       | $\frac{1}{g^2}$                | 0,010391       |
| $\frac{1}{4}\pi^2$ | 2,467401       | $\sqrt[3]{\frac{2}{\pi}}$   | 0,860254       | $\sqrt{g}$                     | 3,13209        |
| $\frac{1}{\pi^2}$  | 0,101321       | $\sqrt[3]{\frac{3}{\pi}}$   | 0,984745       | $\sqrt[3]{g}$                  | 0,319275       |
| $\pi^3$            | 31,006277      | $\pi\sqrt[3]{\pi}$          | 4,601149       | $\sqrt{2g}$                    | 4,42940        |
| $\frac{1}{\pi^3}$  | 0,032252       | $\sqrt[3]{\pi^2}$           | 2,145029       | $\pi\sqrt{g}$                  | 9,83974        |
| $\pi^4$            | 97,409091      | $\sqrt[3]{\frac{1}{\pi^2}}$ | 0,466202       | $\frac{\pi}{\sqrt{g}}$         | 1,003033       |
| $\frac{1}{\pi^4}$  | 0,010266       | $\sqrt[3]{\pi^3}$           | 6,738308       | $2\sqrt{g}$                    | 6,26418        |
| $\pi^5$            | 306,019685     | $\sqrt[4]{\pi}$             | 1,331335       | $\pi\sqrt{2g}$                 | 13,91536       |
| $\frac{1}{\pi^5}$  | 0,003268       | $\sqrt[4]{\frac{1}{\pi}}$   | 0,751130       | $\frac{\pi}{\sqrt{2g}}$        | 0,709258       |
| $\pi^6$            | 961,389194     | $\sqrt[6]{\frac{1}{\pi}}$   | 1,210197       | $\frac{\pi^2}{g}$              | 1,006075       |



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