BİLESİK FAİZ FAKTÖRLERİ TABLOSU ASAĞIDA VERİLEN FAİZ ORANLARI İÇİN **DÜZENLENMİSTİR**

| %i 0.25 | $\frac{\%i}{3.0}$ | <u>%i</u> 11.0 | % <u>i</u> 22.0 | $\sum_{k=0}^{N} R_{k} \cdot (P/F, i^{*}, k) - \sum_{k=0}^{N} E_{k} \cdot (P/F, i^{*}, k) = 0$ |
|------------|--------------------|----------------------|-----------------|---|
| 0.5 | 4.0 | 12.0 | 25.0 | $F/M = \frac{B - (0 + M)}{GR}$ |
| 1.0 | 5.0 | 13.0 | 30.0 | |
| 1.5 | 6.0 | 14.0 | 40.0 | C.R |
| 2.0 | 7.0 | 15.0 | 50.0 | |
| | 8.0 9.0 10.0 | 16.0 18.0 20.0 | | $BV_k = \dot{I}lk$ y atırım $\left(\frac{\dot{I}lk \text{ y atırım- Hurdadeğer}}{\text{ekonom iköm ür}}\right) \cdot k$ |

BİLEŞİK FAİZ FORMÜLLERİ
$$\mathbf{D_{BE}} = \frac{\mathbf{CF}}{\mathbf{r} - \mathbf{v}} \qquad P = \frac{A}{i} \quad G\ddot{O}P = \frac{P_0 - S}{A}$$

$$F = P \cdot (1+i)^{N} \qquad A = P \cdot \left[\frac{i \cdot (1+i)^{N}}{(1+i)^{N} - 1} \right] \qquad A = F \cdot \left[\frac{i}{(1+i)^{N} - 1} \right]$$

$$P = \frac{G}{i} \left[\frac{(1+i)^N - 1}{i \cdot (1+i)^N} - \frac{N}{(1+i)^N} \right] \qquad i_e = (1+i)^m - 1 = \left(1 + \frac{r}{m}\right)^m - 1$$

$$P = A_{1} \cdot \left[\frac{1 - (1 + g)^{N} (1 + i)^{-N}}{i - g} \right] \quad i \neq g \quad P = \frac{N \cdot A_{1}}{1 + i} \quad i = g \quad d_{k} = P \cdot (1 - R)^{k - 1} \cdot R$$
$$D_{k}^{*} = P \cdot (1 - R)^{k}$$
$$BV_{k} = P \cdot (1 - R)^{k}$$

SGD= [(P-S)·(A/P, i%, n) + S·i]
$$P=A·(P/A, i, n)$$

$$i_f = i + f + if$$

$$R = 1 - \sqrt[N]{\frac{S}{P}}$$

$$BV_k = P - \frac{k·(P-S)}{N}$$

$$Toplam AW_{k} = -P \cdot \left(\frac{A}{P}, i, k\right) + S_{k}\left(\frac{A}{F}, i, k\right) - \left[\sum_{j=1}^{k} AOC_{j}\left(\frac{P}{F}, i, j\right)\right]\left(\frac{A}{P}, i, k\right)$$

$$\sum_{k=0}^{N} E_k \cdot (P/F, e\%, k) \cdot (F/P, i*\%, N) = \sum_{k=0}^{N} R_k \cdot (F/P, e\%, N - k)$$

$$\underline{\mathbf{d}_{k}} = \mathbf{d} \cdot (\mathbf{F}/\mathbf{P}, \mathbf{i}\%, \mathbf{k} - \mathbf{1}) \qquad \mathbf{D}^{*}_{k} = \mathbf{P} - \mathbf{B}\mathbf{V}_{k} \qquad \underline{\mathbf{B}}\mathbf{V}_{k} = \mathbf{P} - [(\mathbf{P} - \mathbf{S}) \cdot (\mathbf{A}/\mathbf{F}, \mathbf{i}\%, \mathbf{N}) \cdot (\mathbf{F}/\mathbf{A}, \mathbf{i}\%, \mathbf{k})]$$

| 0.25% | | | | | | | | 0.25% |
|-------|--------|--------|----------|----------|--------|--------|------------|----------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0025 | 0.9975 | 1.0000 | 0.9975 | 1.0000 | 1.0025 | 0.0000 | 0.0000 |
| 2 | 1.0050 | 0.9950 | 2.0025 | 1.9925 | 0.4994 | 0.5019 | 0.9950 | 0.4994 |
| 3 | 1.0075 | 0.9925 | 3.0075 | 2.9851 | 0.3325 | 0.3350 | 2.9801 | 0.9983 |
| 4 | 1.0100 | 0.9901 | 4.0150 | 3.9751 | 0.2491 | 0.2516 | 5.9503 | 1.4969 |
| 5 | 1.0126 | 0.9876 | 5.0251 | 4.9627 | 0.1990 | 0.2015 | 9.9007 | 1.9950 |
| 6 | 1.0151 | 0.9851 | 6.0376 | 5.9478 | 0.1656 | 0.1681 | 14.8263 | 2.4927 |
| 7 | 1.0176 | 0.9827 | 7.0527 | 6.9305 | 0.1418 | 0.1443 | 20.7223 | 2.9900 |
| 8 | 1.0202 | 0.9802 | 8.0704 | 7.9107 | 0.1239 | 0.1264 | 27.5839 | 3.4869 |
| 9 | 1.0227 | 0.9778 | 9.0905 | 8.8885 | 0.1100 | 0.1125 | 35.4061 | 3.9834 |
| 10 | 1.0253 | 0.9753 | 10.1133 | 9.8639 | 0.0989 | 0.1014 | 44.1842 | 4.4794 |
| 11 | 1.0278 | 0.9729 | 11.1385 | 10.8368 | 0.0898 | 0.0923 | 53.9133 | 4.9750 |
| 12 | 1.0304 | 0.9705 | 12.1664 | 11.8073 | 0.0822 | 0.0847 | 64.5886 | 5.4702 |
| 13 | 1.0330 | 0.9681 | 13.1968 | 12.7753 | 0.0758 | 0.0783 | 76.2053 | 5.9650 |
| 14 | 1.0356 | 0.9656 | 14.2298 | 13.7410 | 0.0703 | 0.0728 | 88.7587 | 6.4594 |
| 15 | 1.0382 | 0.9632 | 15.2654 | 14.7042 | 0.0655 | 0.0680 | 102.2441 | 6.9534 |
| 16 | 1.0408 | 0.9608 | 16.3035 | 15.6650 | 0.0613 | 0.0638 | 116.6567 | 7.4469 |
| 17 | 1.0434 | 0.9584 | 17.3443 | 16.6235 | 0.0577 | 0.0602 | 131.9917 | 7.9401 |
| 18 | 1.0460 | 0.9561 | 18.3876 | 17.5795 | 0.0544 | 0.0569 | 148.2446 | 8.4328 |
| 19 | 1.0486 | 0.9537 | 19.4336 | 18.5332 | 0.0515 | 0.0540 | 165.4106 | 8.9251 |
| 20 | 1.0512 | 0.9513 | 20.4822 | 19.4845 | 0.0488 | 0.0513 | 183.4851 | 9.4170 |
| 21 | 1.0538 | 0.9489 | 21.5334 | 20.4334 | 0.0464 | 0.0489 | 202.4634 | 9.9085 |
| 22 | 1.0565 | 0.9466 | 22.5872 | 21.3800 | 0.0443 | 0.0468 | 222.3410 | 10.3995 |
| 23 | 1.0591 | 0.9442 | 23.6437 | 22.3241 | 0.0423 | 0.0448 | 243.1131 | 10.8901 |
| 24 | 1.0618 | 0.9418 | 24.7028 | 23.2660 | 0.0405 | 0.0430 | 264.7753 | 11.3804 |
| 25 | 1.0644 | 0.9395 | 25.7646 | 24.2055 | 0.0388 | 0.0413 | 287.3230 | 11.8702 |
| 26 | 1.0671 | 0.9371 | 26.8290 | 25.1426 | 0.0373 | 0.0398 | 310.7516 | 12.3596 |
| 27 | 1.0697 | 0.9348 | 27.8961 | 26.0774 | 0.0358 | 0.0383 | 335.0566 | 12.8485 |
| 28 | 1.0724 | 0.9325 | 28.9658 | 27.0099 | 0.0345 | 0.0370 | 360.2334 | 13.3371 |
| 29 | 1.0751 | 0.9301 | 30.0382 | 27.9400 | 0.0333 | 0.0358 | 386.2776 | 13.8252 |
| 30 | 1.0778 | 0.9278 | 31.1133 | 28.8679 | 0.0321 | 0.0346 | 413.1847 | 14.3130 |
| 36 | 1.0941 | 0.9140 | 37.6206 | 34.3865 | 0.0266 | 0.0291 | 592.4988 | 17.2306 |
| 40 | 1.1050 | 0.9050 | 42.0132 | 38.0199 | 0.0238 | 0.0263 | 728.7399 | 19.1673 |
| 48 | 1.1273 | 0.8871 | 50.9312 | 45.1787 | 0.0196 | 0.0221 | 1040.0552 | 23.0209 |
| 50 | 1.1330 | 0.8826 | 53.1887 | 46.9462 | 0.0188 | 0.0213 | 1125.7767 | 23.9802 |
| 52 | 1.1386 | 0.8782 | 55.4575 | 48.7048 | 0.0180 | 0.0205 | 1214.5885 | 24.9377 |
| 55 | 1.1472 | 0.8717 | 58.8819 | 51.3264 | 0.0170 | 0.0195 | 1353.5286 | 26.3710 |
| 60 | 1.1616 | 0.8609 | 64.6467 | 55.6524 | 0.0155 | 0.0180 | 1600.0845 | 28.7514 |
| 72 | 1.1969 | 0.8355 | 78.7794 | 65.8169 | 0.0127 | 0.0152 | 2265.5569 | 34.4221 |
| 75 | 1.2059 | 0.8292 | 82.3792 | 68.3108 | 0.0121 | 0.0146 | 2447.6069 | 35.8305 |
| 84 | 1.2334 | 0.8108 | 93.3419 | 75.6813 | 0.0107 | 0.0132 | 3029.7592 | 40.0331 |
| 90 | 1.2520 | 0.7987 | 100.7885 | 80.5038 | 0.0099 | 0.0124 | 3446.8700 | 42.8162 |
| 96 | 1.2709 | 0.7869 | 108.3474 | 85.2546 | 0.0092 | 0.0117 | 3886.2832 | 45.5844 |
| 100 | 1.2836 | 0.7790 | 113.4500 | 88.3825 | 0.0088 | 0.0113 | 4191.2417 | 47.4216 |
| 108 | 1.3095 | 0.7636 | 123.8093 | 94.5453 | 0.0081 | 0.0106 | 4829.0125 | 51.0762 |
| 120 | 1.3494 | 0.7411 | 139.7414 | 103.5618 | 0.0072 | 0.0097 | 5852.1116 | 56.5084 |
| 132 | 1.3904 | 0.7192 | 156.1582 | 112.3121 | 0.0064 | 0.0089 | 6950.0144 | 61.8813 |
| 144 | 1.4327 | 0.6980 | 173.0743 | 120.8041 | 0.0058 | 0.0083 | 8117.4133 | 67.1949 |
| 240 | 1.8208 | 0.5492 | 328.3020 | 180.3109 | 0.0030 | 0.0055 | 19398.9852 | 107.5863 |
| 360 | 2.4568 | 0.4070 | 582.7369 | 237.1894 | 0.0017 | 0.0042 | 36263.9299 | 152.8902 |
| 480 | 3.3151 | 0.3016 | 926.0595 | 279.3418 | 0.0011 | 0.0036 | 53820.7525 | 192.6699 |

| 0.50% | | | | | | | | 0.50% |
|-------|---------|--------|-----------|----------|--------|--------|------------|----------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0050 | 0.9950 | 1.0000 | 0.9950 | 1.0000 | 1.0050 | 0.0000 | 0.0000 |
| 2 | 1.0100 | 0.9901 | 2.0050 | 1.9851 | 0.4988 | 0.5038 | 0.9901 | 0.4988 |
| 3 | 1.0151 | 0.9851 | 3.0150 | 2.9702 | 0.3317 | 0.3367 | 2.9604 | 0.9967 |
| 4 | 1.0202 | 0.9802 | 4.0301 | 3.9505 | 0.2481 | 0.2531 | 5.9011 | 1.4938 |
| 5 | 1.0253 | 0.9754 | 5.0503 | 4.9259 | 0.1980 | 0.2030 | 9.8026 | 1.9900 |
| 6 | 1.0304 | 0.9705 | 6.0755 | 5.8964 | 0.1646 | 0.1696 | 14.6552 | 2.4855 |
| 7 | 1.0355 | 0.9657 | 7.1059 | 6.8621 | 0.1407 | 0.1457 | 20.4493 | 2.9801 |
| 8 | 1.0407 | 0.9609 | 8.1414 | 7.8230 | 0.1228 | 0.1278 | 27.1755 | 3.4738 |
| 9 | 1.0459 | 0.9561 | 9.1821 | 8.7791 | 0.1089 | 0.1139 | 34.8244 | 3.9668 |
| 10 | 1.0511 | 0.9513 | 10.2280 | 9.7304 | 0.0978 | 0.1028 | 43.3865 | 4.4589 |
| 11 | 1.0564 | 0.9466 | 11.2792 | 10.6770 | 0.0887 | 0.0937 | 52.8526 | 4.9501 |
| 12 | 1.0617 | 0.9419 | 12.3356 | 11.6189 | 0.0811 | 0.0861 | 63.2136 | 5.4406 |
| 13 | 1.0670 | 0.9372 | 13.3972 | 12.5562 | 0.0746 | 0.0796 | 74.4602 | 5.9302 |
| 14 | 1.0723 | 0.9326 | 14.4642 | 13.4887 | 0.0691 | 0.0741 | 86.5835 | 6.4190 |
| 15 | 1.0777 | 0.9279 | 15.5365 | 14.4166 | 0.0644 | 0.0694 | 99.5743 | 6.9069 |
| 16 | 1.0831 | 0.9233 | 16.6142 | 15.3399 | 0.0602 | 0.0652 | 113.4238 | 7.3940 |
| 17 | 1.0885 | 0.9187 | 17.6973 | 16.2586 | 0.0565 | 0.0615 | 128.1231 | 7.8803 |
| 18 | 1.0939 | 0.9141 | 18.7858 | 17.1728 | 0.0532 | 0.0582 | 143.6634 | 8.3658 |
| 19 | 1.0994 | 0.9096 | 19.8797 | 18.0824 | 0.0503 | 0.0553 | 160.0360 | 8.8504 |
| 20 | 1.1049 | 0.9051 | 20.9791 | 18.9874 | 0.0477 | 0.0527 | 177.2322 | 9.3342 |
| 21 | 1.1104 | 0.9006 | 22.0840 | 19.8880 | 0.0453 | 0.0503 | 195.2434 | 9.8172 |
| 22 | 1.1160 | 0.8961 | 23.1944 | 20.7841 | 0.0431 | 0.0481 | 214.0611 | 10.2993 |
| 23 | 1.1216 | 0.8916 | 24.3104 | 21.6757 | 0.0411 | 0.0461 | 233.6768 | 10.7806 |
| 24 | 1.1272 | 0.8872 | 25.4320 | 22.5629 | 0.0393 | 0.0443 | 254.0820 | 11.2611 |
| 25 | 1.1328 | 0.8828 | 26.5591 | 23.4456 | 0.0377 | 0.0427 | 275.2686 | 11.7407 |
| 26 | 1.1385 | 0.8784 | 27.6919 | 24.3240 | 0.0361 | 0.0411 | 297.2281 | 12.2195 |
| 27 | 1.1442 | 0.8740 | 28.8304 | 25.1980 | 0.0347 | 0.0397 | 319.9523 | 12.6975 |
| 28 | 1.1499 | 0.8697 | 29.9745 | 26.0677 | 0.0334 | 0.0384 | 343.4332 | 13.1747 |
| 29 | 1.1556 | 0.8653 | 31.1244 | 26.9330 | 0.0321 | 0.0371 | 367.6625 | 13.6510 |
| 30 | 1.1614 | 0.8610 | 32.2800 | 27.7941 | 0.0310 | 0.0360 | 392.6324 | 14.1265 |
| 36 | 1.1967 | 0.8356 | 39.3361 | 32.8710 | 0.0254 | 0.0304 | 557.5598 | 16.9621 |
| 40 | 1.2208 | 0.8191 | 44.1588 | 36.1722 | 0.0226 | 0.0276 | 681.3347 | 18.8359 |
| 48 | 1.2705 | 0.7871 | 54.0978 | 42.5803 | 0.0185 | 0.0235 | 959.9188 | 22.5437 |
| 50 | 1.2832 | 0.7793 | 56.6452 | 44.1428 | 0.0177 | 0.0227 | 1035.6966 | 23.4624 |
| 52 | 1.2961 | 0.7716 | 59.2180 | 45.6897 | 0.0169 | 0.0219 | 1113.8162 | 24.3778 |
| 55 | 1.3156 | 0.7601 | 63.1258 | 47.9814 | 0.0158 | 0.0208 | 1235.2686 | 25.7447 |
| 60 | 1.3489 | 0.7414 | 69.7700 | 51.7256 | 0.0143 | 0.0193 | 1448.6458 | 28.0064 |
| 72 | 1.4320 | 0.6983 | 86.4089 | 60.3395 | 0.0116 | 0.0166 | 2012.3478 | 33.3504 |
| 75 | 1.4536 | 0.6879 | 90.7265 | 62.4136 | 0.0110 | 0.0160 | 2163.7525 | 34.6679 |
| 84 | 1.5204 | 0.6577 | 104.0739 | 68.4530 | 0.0096 | 0.0146 | 2640.6641 | 38.5763 |
| 90 | 1.5666 | 0.6383 | 113.3109 | 72.3313 | 0.0088 | 0.0138 | 2976.0769 | 41.1451 |
| 96 | 1.6141 | 0.6195 | 122.8285 | 76.0952 | 0.0081 | 0.0131 | 3324.1846 | 43.6845 |
| 100 | 1.6467 | 0.6073 | 129.3337 | 78.5426 | 0.0077 | 0.0127 | 3562.7934 | 45.3613 |
| 108 | 1.7137 | 0.5835 | 142.7399 | 83.2934 | 0.0070 | 0.0120 | 4054.3747 | 48.6758 |
| 120 | 1.8194 | 0.5496 | 163.8793 | 90.0735 | 0.0061 | 0.0111 | 4823.5051 | 53.5508 |
| 132 | 1.9316 | 0.5177 | 186.3226 | 96.4596 | 0.0054 | 0.0104 | 5624.5868 | 58.3103 |
| 144 | 2.0508 | 0.4876 | 210.1502 | 102.4747 | 0.0048 | 0.0098 | 6451.3116 | 62.9551 |
| 240 | 3.3102 | 0.3021 | 462.0409 | 139.5808 | 0.0022 | 0.0072 | 13415.5395 | 96.1131 |
| 360 | 6.0226 | 0.1660 | 1004.5150 | 166.7916 | 0.0010 | 0.0060 | 21403.3041 | 128.3236 |
| 480 | 10.9575 | 0.0913 | 1991.4907 | 181.7476 | 0.0005 | 0.0055 | 27588.3573 | 151.7949 |

| 1.00% | | | | | | | | 1.00% |
|-------|----------|--------|------------|---------|--------|--------|-----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0100 | 0.9901 | 1.0000 | 0.9901 | 1.0000 | 1.0100 | 0.0000 | 0.0000 |
| 2 | 1.0201 | 0.9803 | 2.0100 | 1.9704 | 0.4975 | 0.5075 | 0.9803 | 0.4975 |
| 3 | 1.0303 | 0.9706 | 3.0301 | 2.9410 | 0.3300 | 0.3400 | 2.9215 | 0.9934 |
| 4 | 1.0406 | 0.9610 | 4.0604 | 3.9020 | 0.2463 | 0.2563 | 5.8044 | 1.4876 |
| 5 | 1.0510 | 0.9515 | 5.1010 | 4.8534 | 0.1960 | 0.2060 | 9.6103 | 1.9801 |
| 6 | 1.0615 | 0.9420 | 6.1520 | 5.7955 | 0.1625 | 0.1725 | 14.3205 | 2.4710 |
| 7 | 1.0721 | 0.9327 | 7.2135 | 6.7282 | 0.1386 | 0.1486 | 19.9168 | 2.9602 |
| 8 | 1.0829 | 0.9235 | 8.2857 | 7.6517 | 0.1207 | 0.1307 | 26.3812 | 3.4478 |
| 9 | 1.0937 | 0.9143 | 9.3685 | 8.5660 | 0.1067 | 0.1167 | 33.6959 | 3.9337 |
| 10 | 1.1046 | 0.9053 | 10.4622 | 9.4713 | 0.0956 | 0.1056 | 41.8435 | 4.4179 |
| 11 | 1.1157 | 0.8963 | 11.5668 | 10.3676 | 0.0865 | 0.0965 | 50.8067 | 4.9005 |
| 12 | 1.1268 | 0.8874 | 12.6825 | 11.2551 | 0.0788 | 0.0888 | 60.5687 | 5.3815 |
| 13 | 1.1381 | 0.8787 | 13.8093 | 12.1337 | 0.0724 | 0.0824 | 71.1126 | 5.8607 |
| 14 | 1.1495 | 0.8700 | 14.9474 | 13.0037 | 0.0669 | 0.0769 | 82.4221 | 6.3384 |
| 15 | 1.1610 | 0.8613 | 16.0969 | 13.8651 | 0.0621 | 0.0721 | 94.4810 | 6.8143 |
| 16 | 1.1726 | 0.8528 | 17.2579 | 14.7179 | 0.0579 | 0.0679 | 107.2734 | 7.2886 |
| 17 | 1.1843 | 0.8444 | 18.4304 | 15.5623 | 0.0543 | 0.0643 | 120.7834 | 7.7613 |
| 18 | 1.1961 | 0.8360 | 19.6147 | 16.3983 | 0.0510 | 0.0610 | 134.9957 | 8.2323 |
| 19 | 1.2081 | 0.8277 | 20.8109 | 17.2260 | 0.0481 | 0.0581 | 149.8950 | 8.7017 |
| 20 | 1.2202 | 0.8195 | 22.0190 | 18.0456 | 0.0454 | 0.0554 | 165.4664 | 9.1694 |
| 21 | 1.2324 | 0.8114 | 23.2392 | 18.8570 | 0.0430 | 0.0530 | 181.6950 | 9.6354 |
| 22 | 1.2447 | 0.8034 | 24.4716 | 19.6604 | 0.0409 | 0.0509 | 198.5663 | 10.0998 |
| 23 | 1.2572 | 0.7954 | 25.7163 | 20.4558 | 0.0389 | 0.0489 | 216.0660 | 10.5626 |
| 24 | 1.2697 | 0.7876 | 26.9735 | 21.2434 | 0.0371 | 0.0471 | 234.1800 | 11.0237 |
| 25 | 1.2824 | 0.7798 | 28.2432 | 22.0232 | 0.0354 | 0.0454 | 252.8945 | 11.4831 |
| 26 | 1.2953 | 0.7720 | 29.5256 | 22.7952 | 0.0339 | 0.0439 | 272.1957 | 11.9409 |
| 27 | 1.3082 | 0.7644 | 30.8209 | 23.5596 | 0.0324 | 0.0424 | 292.0702 | 12.3971 |
| 28 | 1.3213 | 0.7568 | 32.1291 | 24.3164 | 0.0311 | 0.0411 | 312.5047 | 12.8516 |
| 29 | 1.3345 | 0.7493 | 33.4504 | 25.0658 | 0.0299 | 0.0399 | 333.4863 | 13.3044 |
| 30 | 1.3478 | 0.7419 | 34.7849 | 25.8077 | 0.0287 | 0.0387 | 355.0021 | 13.7557 |
| 36 | 1.4308 | 0.6989 | 43.0769 | 30.1075 | 0.0232 | 0.0332 | 494.6207 | 16.4285 |
| 40 | 1.4889 | 0.6717 | 48.8864 | 32.8347 | 0.0205 | 0.0305 | 596.8561 | 18.1776 |
| 48 | 1.6122 | 0.6203 | 61.2226 | 37.9740 | 0.0163 | 0.0263 | 820.1460 | 21.5976 |
| 50 | 1.6446 | 0.6080 | 64.4632 | 39.1961 | 0.0155 | 0.0255 | 879.4176 | 22.4363 |
| 52 | 1.6777 | 0.5961 | 67.7689 | 40.3942 | 0.0148 | 0.0248 | 939.9175 | 23.2686 |
| 55 | 1.7285 | 0.5785 | 72.8525 | 42.1472 | 0.0137 | 0.0237 | 1032.8148 | 24.5049 |
| 60 | 1.8167 | 0.5504 | 81.6697 | 44.9550 | 0.0122 | 0.0222 | 1192.8061 | 26.5333 |
| 72 | 2.0471 | 0.4885 | 104.7099 | 51.1504 | 0.0096 | 0.0196 | 1597.8673 | 31.2386 |
| 75 | 2.1091 | 0.4741 | 110.9128 | 52.5871 | 0.0090 | 0.0190 | 1702.7340 | 32.3793 |
| 84 | 2.3067 | 0.4335 | 130.6723 | 56.6485 | 0.0077 | 0.0177 | 2023.3153 | 35.7170 |
| 90 | 2.4486 | 0.4084 | 144.8633 | 59.1609 | 0.0069 | 0.0169 | 2240.5675 | 37.8724 |
| 96 | 2.5993 | 0.3847 | 159.9273 | 61.5277 | 0.0063 | 0.0163 | 2459.4298 | 39.9727 |
| 100 | 2.7048 | 0.3697 | 170.4814 | 63.0289 | 0.0059 | 0.0159 | 2605.7758 | 41.3426 |
| 108 | 2.9289 | 0.3414 | 192.8926 | 65.8578 | 0.0052 | 0.0152 | 2898.4203 | 44.0103 |
| 120 | 3.3004 | 0.3030 | 230.0387 | 69.7005 | 0.0043 | 0.0143 | 3334.1148 | 47.8349 |
| 132 | 3.7190 | 0.2689 | 271.8959 | 73.1108 | 0.0037 | 0.0137 | 3761.6944 | 51.4520 |
| 144 | 4.1906 | 0.2386 | 319.0616 | 76.1372 | 0.0031 | 0.0131 | 4177.4664 | 54.8676 |
| 240 | 10.8926 | 0.0918 | 989.2554 | 90.8194 | 0.0010 | 0.0110 | 6878.6016 | 75.7393 |
| 360 | 35.9496 | 0.0278 | 3494.9641 | 97.2183 | 0.0003 | 0.0103 | 8720.4323 | 89.6995 |
| 480 | 118.6477 | 0.0084 | 11764.7725 | 99.1572 | 0.0001 | 0.0101 | 9511.1579 | 95.9200 |

| 1.50% | | | | | | | | 1.50% |
|-------|-----------|--------|------------|---------|--------|--------|-----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0150 | 0.9852 | 1.0000 | 0.9852 | 1.0000 | 1.0150 | 0.0000 | 0.0000 |
| 2 | 1.0302 | 0.9707 | 2.0150 | 1.9559 | 0.4963 | 0.5113 | 0.9707 | 0.4963 |
| 3 | 1.0457 | 0.9563 | 3.0452 | 2.9122 | 0.3284 | 0.3434 | 2.8833 | 0.9901 |
| 4 | 1.0614 | 0.9422 | 4.0909 | 3.8544 | 0.2444 | 0.2594 | 5.7098 | 1.4814 |
| 5 | 1.0773 | 0.9283 | 5.1523 | 4.7826 | 0.1941 | 0.2091 | 9.4229 | 1.9702 |
| 6 | 1.0934 | 0.9145 | 6.2296 | 5.6972 | 0.1605 | 0.1755 | 13.9956 | 2.4566 |
| 7 | 1.1098 | 0.9010 | 7.3230 | 6.5982 | 0.1366 | 0.1516 | 19.4018 | 2.9405 |
| 8 | 1.1265 | 0.8877 | 8.4328 | 7.4859 | 0.1186 | 0.1336 | 25.6157 | 3.4219 |
| 9 | 1.1434 | 0.8746 | 9.5593 | 8.3605 | 0.1046 | 0.1196 | 32.6125 | 3.9008 |
| 10 | 1.1605 | 0.8617 | 10.7027 | 9.2222 | 0.0934 | 0.1084 | 40.3675 | 4.3772 |
| 11 | 1.1779 | 0.8489 | 11.8633 | 10.0711 | 0.0843 | 0.0993 | 48.8568 | 4.8512 |
| 12 | 1.1956 | 0.8364 | 13.0412 | 10.9075 | 0.0767 | 0.0917 | 58.0571 | 5.3227 |
| 13 | 1.2136 | 0.8240 | 14.2368 | 11.7315 | 0.0702 | 0.0852 | 67.9454 | 5.7917 |
| 14 | 1.2318 | 0.8118 | 15.4504 | 12.5434 | 0.0647 | 0.0797 | 78.4994 | 6.2582 |
| 15 | 1.2502 | 0.7999 | 16.6821 | 13.3432 | 0.0599 | 0.0749 | 89.6974 | 6.7223 |
| 16 | 1.2690 | 0.7880 | 17.9324 | 14.1313 | 0.0558 | 0.0708 | 101.5178 | 7.1839 |
| 17 | 1.2880 | 0.7764 | 19.2014 | 14.9076 | 0.0521 | 0.0671 | 113.9400 | 7.6431 |
| 18 | 1.3073 | 0.7649 | 20.4894 | 15.6726 | 0.0488 | 0.0638 | 126.9435 | 8.0997 |
| 19 | 1.3270 | 0.7536 | 21.7967 | 16.4262 | 0.0459 | 0.0609 | 140.5084 | 8.5539 |
| 20 | 1.3469 | 0.7425 | 23.1237 | 17.1686 | 0.0432 | 0.0582 | 154.6154 | 9.0057 |
| 21 | 1.3671 | 0.7315 | 24.4705 | 17.9001 | 0.0409 | 0.0559 | 169.2453 | 9.4550 |
| 22 | 1.3876 | 0.7207 | 25.8376 | 18.6208 | 0.0387 | 0.0537 | 184.3798 | 9.9018 |
| 23 | 1.4084 | 0.7100 | 27.2251 | 19.3309 | 0.0367 | 0.0517 | 200.0006 | 10.3462 |
| 24 | 1.4295 | 0.6995 | 28.6335 | 20.0304 | 0.0349 | 0.0499 | 216.0901 | 10.7881 |
| 25 | 1.4509 | 0.6892 | 30.0630 | 20.7196 | 0.0333 | 0.0483 | 232.6310 | 11.2276 |
| 26 | 1.4727 | 0.6790 | 31.5140 | 21.3986 | 0.0317 | 0.0467 | 249.6065 | 11.6646 |
| 27 | 1.4948 | 0.6690 | 32.9867 | 22.0676 | 0.0303 | 0.0453 | 267.0002 | 12.0992 |
| 28 | 1.5172 | 0.6591 | 34.4815 | 22.7267 | 0.0290 | 0.0440 | 284.7958 | 12.5313 |
| 29 | 1.5400 | 0.6494 | 35.9987 | 23.3761 | 0.0278 | 0.0428 | 302.9779 | 12.9610 |
| 30 | 1.5631 | 0.6398 | 37.5387 | 24.0158 | 0.0266 | 0.0416 | 321.5310 | 13.3883 |
| 36 | 1.7091 | 0.5851 | 47.2760 | 27.6607 | 0.0212 | 0.0362 | 439.8303 | 15.9009 |
| 40 | 1.8140 | 0.5513 | 54.2679 | 29.9158 | 0.0184 | 0.0334 | 524.3568 | 17.5277 |
| 48 | 2.0435 | 0.4894 | 69.5652 | 34.0426 | 0.0144 | 0.0294 | 703.5462 | 20.6667 |
| 50 | 2.1052 | 0.4750 | 73.6828 | 34.9997 | 0.0136 | 0.0286 | 749.9636 | 21.4277 |
| 52 | 2.1689 | 0.4611 | 77.9249 | 35.9287 | 0.0128 | 0.0278 | 796.8774 | 22.1794 |
| 55 | 2.2679 | 0.4409 | 84.5296 | 37.2715 | 0.0118 | 0.0268 | 868.0285 | 23.2894 |
| 60 | 2.4432 | 0.4093 | 96.2147 | 39.3803 | 0.0104 | 0.0254 | 988.1674 | 25.0930 |
| 72 | 2.9212 | 0.3423 | 128.0772 | 43.8447 | 0.0078 | 0.0228 | 1279.7938 | 29.1893 |
| 75 | 3.0546 | 0.3274 | 136.9728 | 44.8416 | 0.0073 | 0.0223 | 1352.5600 | 30.1631 |
| 84 | 3.4926 | 0.2863 | 166.1726 | 47.5786 | 0.0060 | 0.0210 | 1568.5140 | 32.9668 |
| 90 | 3.8189 | 0.2619 | 187.9299 | 49.2099 | 0.0053 | 0.0203 | 1709.5439 | 34.7399 |
| 96 | 4.1758 | 0.2395 | 211.7202 | 50.7017 | 0.0047 | 0.0197 | 1847.4725 | 36.4381 |
| 100 | 4.4320 | 0.2256 | 228.8030 | 51.6247 | 0.0044 | 0.0194 | 1937.4506 | 37.5295 |
| 108 | 4.9927 | 0.2003 | 266.1778 | 53.3137 | 0.0038 | 0.0188 | 2112.1348 | 39.6171 |
| 120 | 5.9693 | 0.1675 | 331.2882 | 55.4985 | 0.0030 | 0.0180 | 2359.7114 | 42.5185 |
| 132 | 7.1370 | 0.1401 | 409.1354 | 57.3257 | 0.0024 | 0.0174 | 2588.7085 | 45.1579 |
| 144 | 8.5332 | 0.1172 | 502.2109 | 58.8540 | 0.0020 | 0.0170 | 2798.5784 | 47.5512 |
| 240 | 35.6328 | 0.0281 | 2308.8544 | 64.7957 | 0.0004 | 0.0154 | 3870.6912 | 59.7368 |
| 360 | 212.7038 | 0.0047 | 14113.5854 | 66.3532 | 0.0001 | 0.0151 | 4310.7165 | 64.9662 |
| 480 | 1269.6975 | 0.0008 | 84579.8363 | 66.6142 | 0.0000 | 0.0150 | 4415.7412 | 66.2883 |

| 2.00% | | | | | | | | 2.00% |
|-------|------------|--------|-------------|---------|--------|--------|-----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0200 | 0.9804 | 1.0000 | 0.9804 | 1.0000 | 1.0200 | 0.0000 | 0.0000 |
| 2 | 1.0404 | 0.9612 | 2.0200 | 1.9416 | 0.4950 | 0.5150 | 0.9612 | 0.4950 |
| 3 | 1.0612 | 0.9423 | 3.0604 | 2.8839 | 0.3268 | 0.3468 | 2.8458 | 0.9868 |
| 4 | 1.0824 | 0.9238 | 4.1216 | 3.8077 | 0.2426 | 0.2626 | 5.6173 | 1.4752 |
| 5 | 1.1041 | 0.9057 | 5.2040 | 4.7135 | 0.1922 | 0.2122 | 9.2403 | 1.9604 |
| 6 | 1.1262 | 0.8880 | 6.3081 | 5.6014 | 0.1585 | 0.1785 | 13.6801 | 2.4423 |
| 7 | 1.1487 | 0.8706 | 7.4343 | 6.4720 | 0.1345 | 0.1545 | 18.9035 | 2.9208 |
| 8 | 1.1717 | 0.8535 | 8.5830 | 7.3255 | 0.1165 | 0.1365 | 24.8779 | 3.3961 |
| 9 | 1.1951 | 0.8368 | 9.7546 | 8.1622 | 0.1025 | 0.1225 | 31.5720 | 3.8681 |
| 10 | 1.2190 | 0.8203 | 10.9497 | 8.9826 | 0.0913 | 0.1113 | 38.9551 | 4.3367 |
| 11 | 1.2434 | 0.8043 | 12.1687 | 9.7868 | 0.0822 | 0.1022 | 46.9977 | 4.8021 |
| 12 | 1.2682 | 0.7885 | 13.4121 | 10.5753 | 0.0746 | 0.0946 | 55.6712 | 5.2642 |
| 13 | 1.2936 | 0.7730 | 14.6803 | 11.3484 | 0.0681 | 0.0881 | 64.9475 | 5.7231 |
| 14 | 1.3195 | 0.7579 | 15.9739 | 12.1062 | 0.0626 | 0.0826 | 74.7999 | 6.1786 |
| 15 | 1.3459 | 0.7430 | 17.2934 | 12.8493 | 0.0578 | 0.0778 | 85.2021 | 6.6309 |
| 16 | 1.3728 | 0.7284 | 18.6393 | 13.5777 | 0.0537 | 0.0737 | 96.1288 | 7.0799 |
| 17 | 1.4002 | 0.7142 | 20.0121 | 14.2919 | 0.0500 | 0.0700 | 107.5554 | 7.5256 |
| 18 | 1.4282 | 0.7002 | 21.4123 | 14.9920 | 0.0467 | 0.0667 | 119.4581 | 7.9681 |
| 19 | 1.4568 | 0.6864 | 22.8406 | 15.6785 | 0.0438 | 0.0638 | 131.8139 | 8.4073 |
| 20 | 1.4859 | 0.6730 | 24.2974 | 16.3514 | 0.0412 | 0.0612 | 144.6003 | 8.8433 |
| 21 | 1.5157 | 0.6598 | 25.7833 | 17.0112 | 0.0388 | 0.0588 | 157.7959 | 9.2760 |
| 22 | 1.5460 | 0.6468 | 27.2990 | 17.6580 | 0.0366 | 0.0566 | 171.3795 | 9.7055 |
| 23 | 1.5769 | 0.6342 | 28.8450 | 18.2922 | 0.0347 | 0.0547 | 185.3309 | 10.1317 |
| 24 | 1.6084 | 0.6217 | 30.4219 | 18.9139 | 0.0329 | 0.0529 | 199.6305 | 10.5547 |
| 25 | 1.6406 | 0.6095 | 32.0303 | 19.5235 | 0.0312 | 0.0512 | 214.2592 | 10.9745 |
| 26 | 1.6734 | 0.5976 | 33.6709 | 20.1210 | 0.0297 | 0.0497 | 229.1987 | 11.3910 |
| 27 | 1.7069 | 0.5859 | 35.3443 | 20.7069 | 0.0283 | 0.0483 | 244.4311 | 11.8043 |
| 28 | 1.7410 | 0.5744 | 37.0512 | 21.2813 | 0.0270 | 0.0470 | 259.9392 | 12.2145 |
| 29 | 1.7758 | 0.5631 | 38.7922 | 21.8444 | 0.0258 | 0.0458 | 275.7064 | 12.6214 |
| 30 | 1.8114 | 0.5521 | 40.5681 | 22.3965 | 0.0246 | 0.0446 | 291.7164 | 13.0251 |
| 36 | 2.0399 | 0.4902 | 51.9944 | 25.4888 | 0.0192 | 0.0392 | 392.0405 | 15.3809 |
| 40 | 2.2080 | 0.4529 | 60.4020 | 27.3555 | 0.0166 | 0.0366 | 461.9931 | 16.8885 |
| 48 | 2.5871 | 0.3865 | 79.3535 | 30.6731 | 0.0126 | 0.0326 | 605.9657 | 19.7556 |
| 50 | 2.6916 | 0.3715 | 84.5794 | 31.4236 | 0.0118 | 0.0318 | 642.3606 | 20.4420 |
| 52 | 2.8003 | 0.3571 | 90.0164 | 32.1449 | 0.0111 | 0.0311 | 678.7849 | 21.1164 |
| 55 | 2.9717 | 0.3365 | 98.5865 | 33.1748 | 0.0111 | 0.0311 | 733.3527 | 22.1057 |
| 60 | 3.2810 | 0.3048 | 114.0515 | 34.7609 | 0.0101 | 0.0301 | 823.6975 | 23.6961 |
| 72 | 4.1611 | 0.2403 | 158.0570 | 37.9841 | 0.0063 | 0.0263 | 1034.0557 | 27.2234 |
| 75 | 4.4158 | 0.2265 | 170.7918 | 38.6771 | 0.0059 | 0.0259 | 1084.6393 | 28.0434 |
| 84 | 5.2773 | 0.1895 | 213.8666 | 40.5255 | 0.0047 | 0.0247 | 1230.4191 | 30.3616 |
| 90 | 5.9431 | 0.1683 | 247.1567 | 41.5869 | 0.0047 | 0.0247 | 1322.1701 | 31.7929 |
| 96 | 6.6929 | 0.1083 | 284.6467 | 42.5294 | 0.0040 | 0.0240 | 1409.2973 | 33.1370 |
| 100 | 7.2446 | 0.1380 | 312.2323 | 43.0984 | 0.0033 | 0.0233 | 1464.7527 | 33.9863 |
| 108 | 8.4883 | 0.1178 | 374.4129 | 44.1095 | 0.0032 | 0.0232 | 1569.3025 | 35.5774 |
| 120 | 10.7652 | 0.0929 | 488.2582 | 45.3554 | 0.0027 | 0.0227 | 1710.4160 | 37.7114 |
| 132 | 13.6528 | 0.0323 | 632.6415 | 46.3378 | 0.0020 | 0.0220 | 1833.4715 | 39.5676 |
| 144 | 17.3151 | 0.0732 | 815.7545 | 47.1123 | 0.0010 | 0.0210 | 1939.7950 | 41.1738 |
| 240 | 115.8887 | 0.0378 | 5744.4368 | 49.5686 | 0.0012 | 0.0212 | 2374.8800 | 47.9110 |
| 360 | 1247.5611 | 0.0088 | 62328.0564 | 49.9599 | 0.0002 | 0.0202 | 2483.5679 | 49.7112 |
| 480 | 13430.1989 | 0.0008 | 671459.9468 | 49.9963 | 0.0000 | 0.0200 | 2498.0268 | 49.9643 |
| 700 | 13430.1303 | 0.0001 | 071733.3400 | 75.5505 | 0.0000 | 0.0200 | 2450.0200 | 77.7043 |

| 3% | | | | | | | | 3% |
|----|--------|--------|----------|---------|--------|--------|----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0300 | 0.9709 | 1.0000 | 0.9709 | 1.0000 | 1.0300 | 0.0000 | 0.0000 |
| 2 | 1.0609 | 0.9426 | 2.0300 | 1.9135 | 0.4926 | 0.5226 | 0.9426 | 0.4926 |
| 3 | 1.0927 | 0.9151 | 3.0909 | 2.8286 | 0.3235 | 0.3535 | 2.7729 | 0.9803 |
| 4 | 1.1255 | 0.8885 | 4.1836 | 3.7171 | 0.2390 | 0.2690 | 5.4383 | 1.4631 |
| 5 | 1.1593 | 0.8626 | 5.3091 | 4.5797 | 0.1884 | 0.2184 | 8.8888 | 1.9409 |
| 6 | 1.1941 | 0.8375 | 6.4684 | 5.4172 | 0.1546 | 0.1846 | 13.0762 | 2.4138 |
| 7 | 1.2299 | 0.8131 | 7.6625 | 6.2303 | 0.1305 | 0.1605 | 17.9547 | 2.8819 |
| 8 | 1.2668 | 0.7894 | 8.8923 | 7.0197 | 0.1125 | 0.1425 | 23.4806 | 3.3450 |
| 9 | 1.3048 | 0.7664 | 10.1591 | 7.7861 | 0.0984 | 0.1284 | 29.6119 | 3.8032 |
| 10 | 1.3439 | 0.7441 | 11.4639 | 8.5302 | 0.0872 | 0.1172 | 36.3088 | 4.2565 |
| 11 | 1.3842 | 0.7224 | 12.8078 | 9.2526 | 0.0781 | 0.1081 | 43.5330 | 4.7049 |
| 12 | 1.4258 | 0.7014 | 14.1920 | 9.9540 | 0.0705 | 0.1005 | 51.2482 | 5.1485 |
| 13 | 1.4685 | 0.6810 | 15.6178 | 10.6350 | 0.0640 | 0.0940 | 59.4196 | 5.5872 |
| 14 | 1.5126 | 0.6611 | 17.0863 | 11.2961 | 0.0585 | 0.0885 | 68.0141 | 6.0210 |
| 15 | 1.5580 | 0.6419 | 18.5989 | 11.9379 | 0.0538 | 0.0838 | 77.0002 | 6.4500 |
| 16 | 1.6047 | 0.6232 | 20.1569 | 12.5611 | 0.0496 | 0.0796 | 86.3477 | 6.8742 |
| 17 | 1.6528 | 0.6050 | 21.7616 | 13.1661 | 0.0460 | 0.0760 | 96.0280 | 7.2936 |
| 18 | 1.7024 | 0.5874 | 23.4144 | 13.7535 | 0.0427 | 0.0727 | 106.0137 | 7.7081 |
| 19 | 1.7535 | 0.5703 | 25.1169 | 14.3238 | 0.0398 | 0.0698 | 116.2788 | 8.1179 |
| 20 | 1.8061 | 0.5537 | 26.8704 | 14.8775 | 0.0372 | 0.0672 | 126.7987 | 8.5229 |
| 21 | 1.8603 | 0.5375 | 28.6765 | 15.4150 | 0.0349 | 0.0649 | 137.5496 | 8.9231 |
| 22 | 1.9161 | 0.5219 | 30.5368 | 15.9369 | 0.0327 | 0.0627 | 148.5094 | 9.3186 |
| 23 | 1.9736 | 0.5067 | 32.4529 | 16.4436 | 0.0308 | 0.0608 | 159.6566 | 9.7093 |
| 24 | 2.0328 | 0.4919 | 34.4265 | 16.9355 | 0.0290 | 0.0590 | 170.9711 | 10.0954 |
| 25 | 2.0938 | 0.4776 | 36.4593 | 17.4131 | 0.0274 | 0.0574 | 182.4336 | 10.4768 |
| 26 | 2.1566 | 0.4637 | 38.5530 | 17.8768 | 0.0259 | 0.0559 | 194.0260 | 10.8535 |
| 27 | 2.2213 | 0.4502 | 40.7096 | 18.3270 | 0.0246 | 0.0546 | 205.7309 | 11.2255 |
| 28 | 2.2879 | 0.4371 | 42.9309 | 18.7641 | 0.0233 | 0.0533 | 217.5320 | 11.5930 |
| 29 | 2.3566 | 0.4243 | 45.2189 | 19.1885 | 0.0221 | 0.0521 | 229.4137 | 11.9558 |
| 30 | 2.4273 | 0.4120 | 47.5754 | 19.6004 | 0.0210 | 0.0510 | 241.3613 | 12.3141 |
| 31 | 2.5001 | 0.4000 | 50.0027 | 20.0004 | 0.0200 | 0.0500 | 253.3609 | 12.6678 |
| 32 | 2.5751 | 0.3883 | 52.5028 | 20.3888 | 0.0190 | 0.0490 | 265.3993 | 13.0169 |
| 33 | 2.6523 | 0.3770 | 55.0778 | 20.7658 | 0.0182 | 0.0482 | 277.4642 | 13.3616 |
| 34 | 2.7319 | 0.3660 | 57.7302 | 21.1318 | 0.0173 | 0.0473 | 289.5437 | 13.7018 |
| 35 | 2.8139 | 0.3554 | 60.4621 | 21.4872 | 0.0165 | 0.0465 | 301.6267 | 14.0375 |
| 40 | 3.2620 | 0.3066 | 75.4013 | 23.1148 | 0.0133 | 0.0433 | 361.7499 | 15.6502 |
| 45 | 3.7816 | 0.2644 | 92.7199 | 24.5187 | 0.0108 | 0.0408 | 420.6325 | 17.1556 |
| 50 | 4.3839 | 0.2281 | 112.7969 | 25.7298 | 0.0089 | 0.0389 | 477.4803 | 18.5575 |
| 55 | 5.0821 | 0.1968 | 136.0716 | 26.7744 | 0.0073 | 0.0373 | 531.7411 | 19.8600 |
| 60 | 5.8916 | 0.1697 | 163.0534 | 27.6756 | 0.0061 | 0.0361 | 583.0526 | 21.0674 |

| 4% | | | | | | | | 4% |
|----|---------|--------|----------|---------|--------|--------|----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0400 | 0.9615 | 1.0000 | 0.9615 | 1.0000 | 1.0400 | 0.0000 | 0.0000 |
| 2 | 1.0816 | 0.9246 | 2.0400 | 1.8861 | 0.4902 | 0.5302 | 0.9246 | 0.4902 |
| 3 | 1.1249 | 0.8890 | 3.1216 | 2.7751 | 0.3203 | 0.3603 | 2.7025 | 0.9739 |
| 4 | 1.1699 | 0.8548 | 4.2465 | 3.6299 | 0.2355 | 0.2755 | 5.2670 | 1.4510 |
| 5 | 1.2167 | 0.8219 | 5.4163 | 4.4518 | 0.1846 | 0.2246 | 8.5547 | 1.9216 |
| 6 | 1.2653 | 0.7903 | 6.6330 | 5.2421 | 0.1508 | 0.1908 | 12.5062 | 2.3857 |
| 7 | 1.3159 | 0.7599 | 7.8983 | 6.0021 | 0.1266 | 0.1666 | 17.0657 | 2.8433 |
| 8 | 1.3686 | 0.7307 | 9.2142 | 6.7327 | 0.1085 | 0.1485 | 22.1806 | 3.2944 |
| 9 | 1.4233 | 0.7026 | 10.5828 | 7.4353 | 0.0945 | 0.1345 | 27.8013 | 3.7391 |
| 10 | 1.4802 | 0.6756 | 12.0061 | 8.1109 | 0.0833 | 0.1233 | 33.8814 | 4.1773 |
| 11 | 1.5395 | 0.6496 | 13.4864 | 8.7605 | 0.0741 | 0.1141 | 40.3772 | 4.6090 |
| 12 | 1.6010 | 0.6246 | 15.0258 | 9.3851 | 0.0666 | 0.1066 | 47.2477 | 5.0343 |
| 13 | 1.6651 | 0.6006 | 16.6268 | 9.9856 | 0.0601 | 0.1001 | 54.4546 | 5.4533 |
| 14 | 1.7317 | 0.5775 | 18.2919 | 10.5631 | 0.0547 | 0.0947 | 61.9618 | 5.8659 |
| 15 | 1.8009 | 0.5553 | 20.0236 | 11.1184 | 0.0499 | 0.0899 | 69.7355 | 6.2721 |
| 16 | 1.8730 | 0.5339 | 21.8245 | 11.6523 | 0.0458 | 0.0858 | 77.7441 | 6.6720 |
| 17 | 1.9479 | 0.5134 | 23.6975 | 12.1657 | 0.0422 | 0.0822 | 85.9581 | 7.0656 |
| 18 | 2.0258 | 0.4936 | 25.6454 | 12.6593 | 0.0390 | 0.0790 | 94.3498 | 7.4530 |
| 19 | 2.1068 | 0.4746 | 27.6712 | 13.1339 | 0.0361 | 0.0761 | 102.8933 | 7.8342 |
| 20 | 2.1911 | 0.4564 | 29.7781 | 13.5903 | 0.0336 | 0.0736 | 111.5647 | 8.2091 |
| 21 | 2.2788 | 0.4388 | 31.9692 | 14.0292 | 0.0313 | 0.0713 | 120.3414 | 8.5779 |
| 22 | 2.3699 | 0.4220 | 34.2480 | 14.4511 | 0.0292 | 0.0692 | 129.2024 | 8.9407 |
| 23 | 2.4647 | 0.4057 | 36.6179 | 14.8568 | 0.0273 | 0.0673 | 138.1284 | 9.2973 |
| 24 | 2.5633 | 0.3901 | 39.0826 | 15.2470 | 0.0256 | 0.0656 | 147.1012 | 9.6479 |
| 25 | 2.6658 | 0.3751 | 41.6459 | 15.6221 | 0.0240 | 0.0640 | 156.1040 | 9.9925 |
| 26 | 2.7725 | 0.3607 | 44.3117 | 15.9828 | 0.0226 | 0.0626 | 165.1212 | 10.3312 |
| 27 | 2.8834 | 0.3468 | 47.0842 | 16.3296 | 0.0212 | 0.0612 | 174.1385 | 10.6640 |
| 28 | 2.9987 | 0.3335 | 49.9676 | 16.6631 | 0.0200 | 0.0600 | 183.1424 | 10.9909 |
| 29 | 3.1187 | 0.3207 | 52.9663 | 16.9837 | 0.0189 | 0.0589 | 192.1206 | 11.3120 |
| 30 | 3.2434 | 0.3083 | 56.0849 | 17.2920 | 0.0178 | 0.0578 | 201.0618 | 11.6274 |
| 31 | 3.3731 | 0.2965 | 59.3283 | 17.5885 | 0.0169 | 0.0569 | 209.9556 | 11.9371 |
| 32 | 3.5081 | 0.2851 | 62.7015 | 17.8736 | 0.0159 | 0.0559 | 218.7924 | 12.2411 |
| 33 | 3.6484 | 0.2741 | 66.2095 | 18.1476 | 0.0151 | 0.0551 | 227.5634 | 12.5396 |
| 34 | 3.7943 | 0.2636 | 69.8579 | 18.4112 | 0.0143 | 0.0543 | 236.2607 | 12.8324 |
| 35 | 3.9461 | 0.2534 | 73.6522 | 18.6646 | 0.0136 | 0.0536 | 244.8768 | 13.1198 |
| 40 | 4.8010 | 0.2083 | 95.0255 | 19.7928 | 0.0105 | 0.0505 | 286.5303 | 14.4765 |
| 45 | 5.8412 | 0.1712 | 121.0294 | 20.7200 | 0.0083 | 0.0483 | 325.4028 | 15.7047 |
| 50 | 7.1067 | 0.1407 | 152.6671 | 21.4822 | 0.0066 | 0.0466 | 361.1638 | 16.8122 |
| 55 | 8.6464 | 0.1157 | 191.1592 | 22.1086 | 0.0052 | 0.0452 | 393.6890 | 17.8070 |
| 60 | 10.5196 | 0.0951 | 237.9907 | 22.6235 | 0.0042 | 0.0442 | 422.9966 | 18.6972 |

| 5% | | | | | | | | 5% |
|----|---------|--------|----------|---------|--------|--------|----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0500 | 0.9524 | 1.0000 | 0.9524 | 1.0000 | 1.0500 | 0.0000 | 0.0000 |
| 2 | 1.1025 | 0.9070 | 2.0500 | 1.8594 | 0.4878 | 0.5378 | 0.9070 | 0.4878 |
| 3 | 1.1576 | 0.8638 | 3.1525 | 2.7232 | 0.3172 | 0.3672 | 2.6347 | 0.9675 |
| 4 | 1.2155 | 0.8227 | 4.3101 | 3.5460 | 0.2320 | 0.2820 | 5.1028 | 1.4391 |
| 5 | 1.2763 | 0.7835 | 5.5256 | 4.3295 | 0.1810 | 0.2310 | 8.2369 | 1.9025 |
| 6 | 1.3401 | 0.7462 | 6.8019 | 5.0757 | 0.1470 | 0.1970 | 11.9680 | 2.3579 |
| 7 | 1.4071 | 0.7107 | 8.1420 | 5.7864 | 0.1228 | 0.1728 | 16.2321 | 2.8052 |
| 8 | 1.4775 | 0.6768 | 9.5491 | 6.4632 | 0.1047 | 0.1547 | 20.9700 | 3.2445 |
| 9 | 1.5513 | 0.6446 | 11.0266 | 7.1078 | 0.0907 | 0.1407 | 26.1268 | 3.6758 |
| 10 | 1.6289 | 0.6139 | 12.5779 | 7.7217 | 0.0795 | 0.1295 | 31.6520 | 4.0991 |
| 11 | 1.7103 | 0.5847 | 14.2068 | 8.3064 | 0.0704 | 0.1204 | 37.4988 | 4.5144 |
| 12 | 1.7959 | 0.5568 | 15.9171 | 8.8633 | 0.0628 | 0.1128 | 43.6241 | 4.9219 |
| 13 | 1.8856 | 0.5303 | 17.7130 | 9.3936 | 0.0565 | 0.1065 | 49.9879 | 5.3215 |
| 14 | 1.9799 | 0.5051 | 19.5986 | 9.8986 | 0.0510 | 0.1010 | 56.5538 | 5.7133 |
| 15 | 2.0789 | 0.4810 | 21.5786 | 10.3797 | 0.0463 | 0.0963 | 63.2880 | 6.0973 |
| 16 | 2.1829 | 0.4581 | 23.6575 | 10.8378 | 0.0423 | 0.0923 | 70.1597 | 6.4736 |
| 17 | 2.2920 | 0.4363 | 25.8404 | 11.2741 | 0.0387 | 0.0887 | 77.1405 | 6.8423 |
| 18 | 2.4066 | 0.4155 | 28.1324 | 11.6896 | 0.0355 | 0.0855 | 84.2043 | 7.2034 |
| 19 | 2.5270 | 0.3957 | 30.5390 | 12.0853 | 0.0327 | 0.0827 | 91.3275 | 7.5569 |
| 20 | 2.6533 | 0.3769 | 33.0660 | 12.4622 | 0.0302 | 0.0802 | 98.4884 | 7.9030 |
| 21 | 2.7860 | 0.3589 | 35.7193 | 12.8212 | 0.0280 | 0.0780 | 105.6673 | 8.2416 |
| 22 | 2.9253 | 0.3418 | 38.5052 | 13.1630 | 0.0260 | 0.0760 | 112.8461 | 8.5730 |
| 23 | 3.0715 | 0.3256 | 41.4305 | 13.4886 | 0.0241 | 0.0741 | 120.0087 | 8.8971 |
| 24 | 3.2251 | 0.3101 | 44.5020 | 13.7986 | 0.0225 | 0.0725 | 127.1402 | 9.2140 |
| 25 | 3.3864 | 0.2953 | 47.7271 | 14.0939 | 0.0210 | 0.0710 | 134.2275 | 9.5238 |
| 26 | 3.5557 | 0.2812 | 51.1135 | 14.3752 | 0.0196 | 0.0696 | 141.2585 | 9.8266 |
| 27 | 3.7335 | 0.2678 | 54.6691 | 14.6430 | 0.0183 | 0.0683 | 148.2226 | 10.1224 |
| 28 | 3.9201 | 0.2551 | 58.4026 | 14.8981 | 0.0171 | 0.0671 | 155.1101 | 10.4114 |
| 29 | 4.1161 | 0.2429 | 62.3227 | 15.1411 | 0.0160 | 0.0660 | 161.9126 | 10.6936 |
| 30 | 4.3219 | 0.2314 | 66.4388 | 15.3725 | 0.0151 | 0.0651 | 168.6226 | 10.9691 |
| 31 | 4.5380 | 0.2204 | 70.7608 | 15.5928 | 0.0141 | 0.0641 | 175.2333 | 11.2381 |
| 32 | 4.7649 | 0.2099 | 75.2988 | 15.8027 | 0.0133 | 0.0633 | 181.7392 | 11.5005 |
| 33 | 5.0032 | 0.1999 | 80.0638 | 16.0025 | 0.0125 | 0.0625 | 188.1351 | 11.7566 |
| 34 | 5.2533 | 0.1904 | 85.0670 | 16.1929 | 0.0118 | 0.0618 | 194.4168 | 12.0063 |
| 35 | 5.5160 | 0.1813 | 90.3203 | 16.3742 | 0.0111 | 0.0611 | 200.5807 | 12.2498 |
| 40 | 7.0400 | 0.1420 | 120.7998 | 17.1591 | 0.0083 | 0.0583 | 229.5452 | 13.3775 |
| 45 | 8.9850 | 0.1113 | 159.7002 | 17.7741 | 0.0063 | 0.0563 | 255.3145 | 14.3644 |
| 50 | 11.4674 | 0.0872 | 209.3480 | 18.2559 | 0.0048 | 0.0548 | 277.9148 | 15.2233 |
| 55 | 14.6356 | 0.0683 | 272.7126 | 18.6335 | 0.0037 | 0.0537 | 297.5104 | 15.9664 |
| 60 | 18.6792 | 0.0535 | 353.5837 | 18.9293 | 0.0028 | 0.0528 | 314.3432 | 16.6062 |

| 6% | | | | | | | | 6% |
|----|---------|--------|----------|---------|--------|--------|----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0600 | 0.9434 | 1.0000 | 0.9434 | 1.0000 | 1.0600 | 0.0000 | 0.0000 |
| 2 | 1.1236 | 0.8900 | 2.0600 | 1.8334 | 0.4854 | 0.5454 | 0.8900 | 0.4854 |
| 3 | 1.1910 | 0.8396 | 3.1836 | 2.6730 | 0.3141 | 0.3741 | 2.5692 | 0.9612 |
| 4 | 1.2625 | 0.7921 | 4.3746 | 3.4651 | 0.2286 | 0.2886 | 4.9455 | 1.4272 |
| 5 | 1.3382 | 0.7473 | 5.6371 | 4.2124 | 0.1774 | 0.2374 | 7.9345 | 1.8836 |
| 6 | 1.4185 | 0.7050 | 6.9753 | 4.9173 | 0.1434 | 0.2034 | 11.4594 | 2.3304 |
| 7 | 1.5036 | 0.6651 | 8.3938 | 5.5824 | 0.1191 | 0.1791 | 15.4497 | 2.7676 |
| 8 | 1.5938 | 0.6274 | 9.8975 | 6.2098 | 0.1010 | 0.1610 | 19.8416 | 3.1952 |
| 9 | 1.6895 | 0.5919 | 11.4913 | 6.8017 | 0.0870 | 0.1470 | 24.5768 | 3.6133 |
| 10 | 1.7908 | 0.5584 | 13.1808 | 7.3601 | 0.0759 | 0.1359 | 29.6023 | 4.0220 |
| 11 | 1.8983 | 0.5268 | 14.9716 | 7.8869 | 0.0668 | 0.1268 | 34.8702 | 4.4213 |
| 12 | 2.0122 | 0.4970 | 16.8699 | 8.3838 | 0.0593 | 0.1193 | 40.3369 | 4.8113 |
| 13 | 2.1329 | 0.4688 | 18.8821 | 8.8527 | 0.0530 | 0.1130 | 45.9629 | 5.1920 |
| 14 | 2.2609 | 0.4423 | 21.0151 | 9.2950 | 0.0476 | 0.1076 | 51.7128 | 5.5635 |
| 15 | 2.3966 | 0.4173 | 23.2760 | 9.7122 | 0.0430 | 0.1030 | 57.5546 | 5.9260 |
| 16 | 2.5404 | 0.3936 | 25.6725 | 10.1059 | 0.0390 | 0.0990 | 63.4592 | 6.2794 |
| 17 | 2.6928 | 0.3714 | 28.2129 | 10.4773 | 0.0354 | 0.0954 | 69.4011 | 6.6240 |
| 18 | 2.8543 | 0.3503 | 30.9057 | 10.8276 | 0.0324 | 0.0924 | 75.3569 | 6.9597 |
| 19 | 3.0256 | 0.3305 | 33.7600 | 11.1581 | 0.0296 | 0.0896 | 81.3062 | 7.2867 |
| 20 | 3.2071 | 0.3118 | 36.7856 | 11.4699 | 0.0272 | 0.0872 | 87.2304 | 7.6051 |
| 21 | 3.3996 | 0.2942 | 39.9927 | 11.7641 | 0.0250 | 0.0850 | 93.1136 | 7.9151 |
| 22 | 3.6035 | 0.2775 | 43.3923 | 12.0416 | 0.0230 | 0.0830 | 98.9412 | 8.2166 |
| 23 | 3.8197 | 0.2618 | 46.9958 | 12.3034 | 0.0213 | 0.0813 | 104.7007 | 8.5099 |
| 24 | 4.0489 | 0.2470 | 50.8156 | 12.5504 | 0.0197 | 0.0797 | 110.3812 | 8.7951 |
| 25 | 4.2919 | 0.2330 | 54.8645 | 12.7834 | 0.0182 | 0.0782 | 115.9732 | 9.0722 |
| 26 | 4.5494 | 0.2198 | 59.1564 | 13.0032 | 0.0169 | 0.0769 | 121.4684 | 9.3414 |
| 27 | 4.8223 | 0.2074 | 63.7058 | 13.2105 | 0.0157 | 0.0757 | 126.8600 | 9.6029 |
| 28 | 5.1117 | 0.1956 | 68.5281 | 13.4062 | 0.0146 | 0.0746 | 132.1420 | 9.8568 |
| 29 | 5.4184 | 0.1846 | 73.6398 | 13.5907 | 0.0136 | 0.0736 | 137.3096 | 10.1032 |
| 30 | 5.7435 | 0.1741 | 79.0582 | 13.7648 | 0.0126 | 0.0726 | 142.3588 | 10.3422 |
| 31 | 6.0881 | 0.1643 | 84.8017 | 13.9291 | 0.0118 | 0.0718 | 147.2864 | 10.5740 |
| 32 | 6.4534 | 0.1550 | 90.8898 | 14.0840 | 0.0110 | 0.0710 | 152.0901 | 10.7988 |
| 33 | 6.8406 | 0.1462 | 97.3432 | 14.2302 | 0.0103 | 0.0703 | 156.7681 | 11.0166 |
| 34 | 7.2510 | 0.1379 | 104.1838 | 14.3681 | 0.0096 | 0.0696 | 161.3192 | 11.2276 |
| 35 | 7.6861 | 0.1301 | 111.4348 | 14.4982 | 0.0090 | 0.0690 | 165.7427 | 11.4319 |
| 40 | 10.2857 | 0.0972 | 154.7620 | 15.0463 | 0.0065 | 0.0665 | 185.9568 | 12.3590 |
| 45 | 13.7646 | 0.0727 | 212.7435 | 15.4558 | 0.0047 | 0.0647 | 203.1096 | 13.1413 |
| 50 | 18.4202 | 0.0543 | 290.3359 | 15.7619 | 0.0034 | 0.0634 | 217.4574 | 13.7964 |
| 55 | 24.6503 | 0.0406 | 394.1720 | 15.9905 | 0.0025 | 0.0625 | 229.3222 | 14.3411 |
| 60 | 32.9877 | 0.0303 | 533.1282 | 16.1614 | 0.0019 | 0.0619 | 239.0428 | 14.7909 |

| 7% | | | | | | | | 7% |
|----|---------|--------|----------|---------|--------|--------|----------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0700 | 0.9346 | 1.0000 | 0.9346 | 1.0000 | 1.0700 | 0.0000 | 0.0000 |
| 2 | 1.1449 | 0.8734 | 2.0700 | 1.8080 | 0.4831 | 0.5531 | 0.8734 | 0.4831 |
| 3 | 1.2250 | 0.8163 | 3.2149 | 2.6243 | 0.3111 | 0.3811 | 2.5060 | 0.9549 |
| 4 | 1.3108 | 0.7629 | 4.4399 | 3.3872 | 0.2252 | 0.2952 | 4.7947 | 1.4155 |
| 5 | 1.4026 | 0.7130 | 5.7507 | 4.1002 | 0.1739 | 0.2439 | 7.6467 | 1.8650 |
| 6 | 1.5007 | 0.6663 | 7.1533 | 4.7665 | 0.1398 | 0.2098 | 10.9784 | 2.3032 |
| 7 | 1.6058 | 0.6227 | 8.6540 | 5.3893 | 0.1156 | 0.1856 | 14.7149 | 2.7304 |
| 8 | 1.7182 | 0.5820 | 10.2598 | 5.9713 | 0.0975 | 0.1675 | 18.7889 | 3.1465 |
| 9 | 1.8385 | 0.5439 | 11.9780 | 6.5152 | 0.0835 | 0.1535 | 23.1404 | 3.5517 |
| 10 | 1.9672 | 0.5083 | 13.8164 | 7.0236 | 0.0724 | 0.1424 | 27.7156 | 3.9461 |
| 11 | 2.1049 | 0.4751 | 15.7836 | 7.4987 | 0.0634 | 0.1334 | 32.4665 | 4.3296 |
| 12 | 2.2522 | 0.4440 | 17.8885 | 7.9427 | 0.0559 | 0.1259 | 37.3506 | 4.7025 |
| 13 | 2.4098 | 0.4150 | 20.1406 | 8.3577 | 0.0497 | 0.1197 | 42.3302 | 5.0648 |
| 14 | 2.5785 | 0.3878 | 22.5505 | 8.7455 | 0.0443 | 0.1143 | 47.3718 | 5.4167 |
| 15 | 2.7590 | 0.3624 | 25.1290 | 9.1079 | 0.0398 | 0.1098 | 52.4461 | 5.7583 |
| 16 | 2.9522 | 0.3387 | 27.8881 | 9.4466 | 0.0359 | 0.1059 | 57.5271 | 6.0897 |
| 17 | 3.1588 | 0.3166 | 30.8402 | 9.7632 | 0.0324 | 0.1024 | 62.5923 | 6.4110 |
| 18 | 3.3799 | 0.2959 | 33.9990 | 10.0591 | 0.0294 | 0.0994 | 67.6219 | 6.7225 |
| 19 | 3.6165 | 0.2765 | 37.3790 | 10.3356 | 0.0268 | 0.0968 | 72.5991 | 7.0242 |
| 20 | 3.8697 | 0.2584 | 40.9955 | 10.5940 | 0.0244 | 0.0944 | 77.5091 | 7.3163 |
| 21 | 4.1406 | 0.2415 | 44.8652 | 10.8355 | 0.0223 | 0.0923 | 82.3393 | 7.5990 |
| 22 | 4.4304 | 0.2257 | 49.0057 | 11.0612 | 0.0204 | 0.0904 | 87.0793 | 7.8725 |
| 23 | 4.7405 | 0.2109 | 53.4361 | 11.2722 | 0.0187 | 0.0887 | 91.7201 | 8.1369 |
| 24 | 5.0724 | 0.1971 | 58.1767 | 11.4693 | 0.0172 | 0.0872 | 96.2545 | 8.3923 |
| 25 | 5.4274 | 0.1842 | 63.2490 | 11.6536 | 0.0158 | 0.0858 | 100.6765 | 8.6391 |
| 26 | 5.8074 | 0.1722 | 68.6765 | 11.8258 | 0.0146 | 0.0846 | 104.9814 | 8.8773 |
| 27 | 6.2139 | 0.1609 | 74.4838 | 11.9867 | 0.0134 | 0.0834 | 109.1656 | 9.1072 |
| 28 | 6.6488 | 0.1504 | 80.6977 | 12.1371 | 0.0124 | 0.0824 | 113.2264 | 9.3289 |
| 29 | 7.1143 | 0.1406 | 87.3465 | 12.2777 | 0.0114 | 0.0814 | 117.1622 | 9.5427 |
| 30 | 7.6123 | 0.1314 | 94.4608 | 12.4090 | 0.0106 | 0.0806 | 120.9718 | 9.7487 |
| 31 | 8.1451 | 0.1228 | 102.0730 | 12.5318 | 0.0098 | 0.0798 | 124.6550 | 9.9471 |
| 32 | 8.7153 | 0.1147 | 110.2182 | 12.6466 | 0.0091 | 0.0791 | 128.2120 | 10.138 |
| 33 | 9.3253 | 0.1072 | 118.9334 | 12.7538 | 0.0084 | 0.0784 | 131.6435 | 10.321 |
| 34 | 9.9781 | 0.1002 | 128.2588 | 12.8540 | 0.0078 | 0.0778 | 134.9507 | 10.498 |
| 35 | 10.6766 | 0.0937 | 138.2369 | 12.9477 | 0.0072 | 0.0772 | 138.1353 | 10.668 |
| 40 | 14.9745 | 0.0668 | 199.6351 | 13.3317 | 0.0050 | 0.0750 | 152.2928 | 11.423 |
| 45 | 21.0025 | 0.0476 | 285.7493 | 13.6055 | 0.0035 | 0.0735 | 163.7559 | 12.036 |
| 50 | 29.4570 | 0.0339 | 406.5289 | 13.8007 | 0.0025 | 0.0725 | 172.9051 | 12.528 |
| 55 | 41.3150 | 0.0242 | 575.9286 | 13.9399 | 0.0017 | 0.0717 | 180.1243 | 12.921 |
| 60 | 57.9464 | 0.0173 | 813.5204 | 14.0392 | 0.0012 | 0.0712 | 185.7677 | 13.232 |

| 8% | | | | | | | | 8% |
|----|----------|--------|-----------|---------|--------|--------|----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0800 | 0.9259 | 1.0000 | 0.9259 | 1.0000 | 1.0800 | 0.0000 | 0.0000 |
| 2 | 1.1664 | 0.8573 | 2.0800 | 1.7833 | 0.4808 | 0.5608 | 0.8573 | 0.4808 |
| 3 | 1.2597 | 0.7938 | 3.2464 | 2.5771 | 0.3080 | 0.3880 | 2.4450 | 0.9487 |
| 4 | 1.3605 | 0.7350 | 4.5061 | 3.3121 | 0.2219 | 0.3019 | 4.6501 | 1.4040 |
| 5 | 1.4693 | 0.6806 | 5.8666 | 3.9927 | 0.1705 | 0.2505 | 7.3724 | 1.8465 |
| 6 | 1.5869 | 0.6302 | 7.3359 | 4.6229 | 0.1363 | 0.2163 | 10.5233 | 2.2763 |
| 7 | 1.7138 | 0.5835 | 8.9228 | 5.2064 | 0.1121 | 0.1921 | 14.0242 | 2.6937 |
| 8 | 1.8509 | 0.5403 | 10.6366 | 5.7466 | 0.0940 | 0.1740 | 17.8061 | 3.0985 |
| 9 | 1.9990 | 0.5002 | 12.4876 | 6.2469 | 0.0801 | 0.1601 | 21.8081 | 3.4910 |
| 10 | 2.1589 | 0.4632 | 14.4866 | 6.7101 | 0.0690 | 0.1490 | 25.9768 | 3.8713 |
| 11 | 2.3316 | 0.4289 | 16.6455 | 7.1390 | 0.0601 | 0.1401 | 30.2657 | 4.2395 |
| 12 | 2.5182 | 0.3971 | 18.9771 | 7.5361 | 0.0527 | 0.1327 | 34.6339 | 4.5957 |
| 13 | 2.7196 | 0.3677 | 21.4953 | 7.9038 | 0.0465 | 0.1265 | 39.0463 | 4.9402 |
| 14 | 2.9372 | 0.3405 | 24.2149 | 8.2442 | 0.0413 | 0.1213 | 43.4723 | 5.2731 |
| 15 | 3.1722 | 0.3152 | 27.1521 | 8.5595 | 0.0368 | 0.1168 | 47.8857 | 5.5945 |
| 16 | 3.4259 | 0.2919 | 30.3243 | 8.8514 | 0.0330 | 0.1130 | 52.2640 | 5.9046 |
| 17 | 3.7000 | 0.2703 | 33.7502 | 9.1216 | 0.0296 | 0.1096 | 56.5883 | 6.2037 |
| 18 | 3.9960 | 0.2502 | 37.4502 | 9.3719 | 0.0267 | 0.1067 | 60.8426 | 6.4920 |
| 19 | 4.3157 | 0.2317 | 41.4463 | 9.6036 | 0.0241 | 0.1041 | 65.0134 | 6.7697 |
| 20 | 4.6610 | 0.2145 | 45.7620 | 9.8181 | 0.0219 | 0.1019 | 69.0898 | 7.0369 |
| 21 | 5.0338 | 0.1987 | 50.4229 | 10.0168 | 0.0198 | 0.0998 | 73.0629 | 7.2940 |
| 22 | 5.4365 | 0.1839 | 55.4568 | 10.2007 | 0.0180 | 0.0980 | 76.9257 | 7.5412 |
| 23 | 5.8715 | 0.1703 | 60.8933 | 10.3711 | 0.0164 | 0.0964 | 80.6726 | 7.7786 |
| 24 | 6.3412 | 0.1577 | 66.7648 | 10.5288 | 0.0150 | 0.0950 | 84.2997 | 8.0066 |
| 25 | 6.8485 | 0.1460 | 73.1059 | 10.6748 | 0.0137 | 0.0937 | 87.8041 | 8.2254 |
| 26 | 7.3964 | 0.1352 | 79.9544 | 10.8100 | 0.0125 | 0.0925 | 91.1842 | 8.4352 |
| 27 | 7.9881 | 0.1252 | 87.3508 | 10.9352 | 0.0114 | 0.0914 | 94.4390 | 8.6363 |
| 28 | 8.6271 | 0.1159 | 95.3388 | 11.0511 | 0.0105 | 0.0905 | 97.5687 | 8.8289 |
| 29 | 9.3173 | 0.1073 | 103.9659 | 11.1584 | 0.0096 | 0.0896 | 100.5738 | 9.0133 |
| 30 | 10.0627 | 0.0994 | 113.2832 | 11.2578 | 0.0088 | 0.0888 | 103.4558 | 9.1897 |
| 31 | 10.8677 | 0.0920 | 123.3459 | 11.3498 | 0.0081 | 0.0881 | 106.2163 | 9.3584 |
| 32 | 11.7371 | 0.0852 | 134.2135 | 11.4350 | 0.0075 | 0.0875 | 108.8575 | 9.5197 |
| 33 | 12.6760 | 0.0789 | 145.9506 | 11.5139 | 0.0069 | 0.0869 | 111.3819 | 9.6737 |
| 34 | 13.6901 | 0.0730 | 158.6267 | 11.5869 | 0.0063 | 0.0863 | 113.7924 | 9.8208 |
| 35 | 14.7853 | 0.0676 | 172.3168 | 11.6546 | 0.0058 | 0.0858 | 116.0920 | 9.9611 |
| 40 | 21.7245 | 0.0460 | 259.0565 | 11.9246 | 0.0039 | 0.0839 | 126.0422 | 10.5699 |
| 45 | 31.9204 | 0.0313 | 386.5056 | 12.1084 | 0.0026 | 0.0826 | 133.7331 | 11.0447 |
| 50 | 46.9016 | 0.0213 | 573.7702 | 12.2335 | 0.0017 | 0.0817 | 139.5928 | 11.4107 |
| 55 | 68.9139 | 0.0145 | 848.9232 | 12.3186 | 0.0012 | 0.0812 | 144.0065 | 11.6902 |
| 60 | 101.2571 | 0.0099 | 1253.2133 | 12.3766 | 0.0008 | 0.0808 | 147.3000 | 11.9015 |

| 9% | | | | | | | | 9% |
|----|----------|--------|-----------|---------|--------|--------|----------|---------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.0900 | 0.9174 | 1.0000 | 0.9174 | 1.0000 | 1.0900 | 0.0000 | 0.0000 |
| 2 | 1.1881 | 0.8417 | 2.0900 | 1.7591 | 0.4785 | 0.5685 | 0.8417 | 0.4785 |
| 3 | 1.2950 | 0.7722 | 3.2781 | 2.5313 | 0.3051 | 0.3951 | 2.3860 | 0.9426 |
| 4 | 1.4116 | 0.7084 | 4.5731 | 3.2397 | 0.2187 | 0.3087 | 4.5113 | 1.3925 |
| 5 | 1.5386 | 0.6499 | 5.9847 | 3.8897 | 0.1671 | 0.2571 | 7.1110 | 1.8282 |
| 6 | 1.6771 | 0.5963 | 7.5233 | 4.4859 | 0.1329 | 0.2229 | 10.0924 | 2.2498 |
| 7 | 1.8280 | 0.5470 | 9.2004 | 5.0330 | 0.1087 | 0.1987 | 13.3746 | 2.6574 |
| 8 | 1.9926 | 0.5019 | 11.0285 | 5.5348 | 0.0907 | 0.1807 | 16.8877 | 3.0512 |
| 9 | 2.1719 | 0.4604 | 13.0210 | 5.9952 | 0.0768 | 0.1668 | 20.5711 | 3.4312 |
| 10 | 2.3674 | 0.4224 | 15.1929 | 6.4177 | 0.0658 | 0.1558 | 24.3728 | 3.7978 |
| 11 | 2.5804 | 0.3875 | 17.5603 | 6.8052 | 0.0569 | 0.1469 | 28.2481 | 4.1510 |
| 12 | 2.8127 | 0.3555 | 20.1407 | 7.1607 | 0.0497 | 0.1397 | 32.1590 | 4.4910 |
| 13 | 3.0658 | 0.3262 | 22.9534 | 7.4869 | 0.0436 | 0.1336 | 36.0731 | 4.8182 |
| 14 | 3.3417 | 0.2992 | 26.0192 | 7.7862 | 0.0384 | 0.1284 | 39.9633 | 5.1326 |
| 15 | 3.6425 | 0.2745 | 29.3609 | 8.0607 | 0.0341 | 0.1241 | 43.8069 | 5.4346 |
| 16 | 3.9703 | 0.2519 | 33.0034 | 8.3126 | 0.0303 | 0.1203 | 47.5849 | 5.7245 |
| 17 | 4.3276 | 0.2311 | 36.9737 | 8.5436 | 0.0270 | 0.1170 | 51.2821 | 6.0024 |
| 18 | 4.7171 | 0.2120 | 41.3013 | 8.7556 | 0.0242 | 0.1142 | 54.8860 | 6.2687 |
| 19 | 5.1417 | 0.1945 | 46.0185 | 8.9501 | 0.0217 | 0.1117 | 58.3868 | 6.5236 |
| 20 | 5.6044 | 0.1784 | 51.1601 | 9.1285 | 0.0195 | 0.1095 | 61.7770 | 6.7674 |
| 21 | 6.1088 | 0.1637 | 56.7645 | 9.2922 | 0.0176 | 0.1076 | 65.0509 | 7.0006 |
| 22 | 6.6586 | 0.1502 | 62.8733 | 9.4424 | 0.0159 | 0.1059 | 68.2048 | 7.2232 |
| 23 | 7.2579 | 0.1378 | 69.5319 | 9.5802 | 0.0144 | 0.1044 | 71.2359 | 7.4357 |
| 24 | 7.9111 | 0.1264 | 76.7898 | 9.7066 | 0.0130 | 0.1030 | 74.1433 | 7.6384 |
| 25 | 8.6231 | 0.1160 | 84.7009 | 9.8226 | 0.0118 | 0.1018 | 76.9265 | 7.8316 |
| 26 | 9.3992 | 0.1064 | 93.3240 | 9.9290 | 0.0107 | 0.1007 | 79.5863 | 8.0156 |
| 27 | 10.2451 | 0.0976 | 102.7231 | 10.0266 | 0.0097 | 0.0997 | 82.1241 | 8.1906 |
| 28 | 11.1671 | 0.0895 | 112.9682 | 10.1161 | 0.0089 | 0.0989 | 84.5419 | 8.3571 |
| 29 | 12.1722 | 0.0822 | 124.1354 | 10.1983 | 0.0081 | 0.0981 | 86.8422 | 8.5154 |
| 30 | 13.2677 | 0.0754 | 136.3075 | 10.2737 | 0.0073 | 0.0973 | 89.0280 | 8.6657 |
| 31 | 14.4618 | 0.0691 | 149.5752 | 10.3428 | 0.0067 | 0.0967 | 91.1024 | 8.8083 |
| 32 | 15.7633 | 0.0634 | 164.0370 | 10.4062 | 0.0061 | 0.0961 | 93.0690 | 8.9436 |
| 33 | 17.1820 | 0.0582 | 179.8003 | 10.4644 | 0.0056 | 0.0956 | 94.9314 | 9.0718 |
| 34 | 18.7284 | 0.0534 | 196.9823 | 10.5178 | 0.0051 | 0.0951 | 96.6935 | 9.1933 |
| 35 | 20.4140 | 0.0490 | 215.7108 | 10.5668 | 0.0046 | 0.0946 | 98.3590 | 9.3083 |
| 40 | 31.4094 | 0.0318 | 337.8824 | 10.7574 | 0.0030 | 0.0930 | 105.3762 | 9.7957 |
| 45 | 48.3273 | 0.0207 | 525.8587 | 10.8812 | 0.0019 | 0.0919 | 110.5561 | 10.1603 |
| 50 | 74.3575 | 0.0134 | 815.0836 | 10.9617 | 0.0012 | 0.0912 | 114.3251 | 10.4295 |
| 55 | 114.4083 | 0.0087 | 1260.0918 | 11.0140 | 0.0008 | 0.0908 | 117.0362 | 10.6261 |
| 60 | 176.0313 | 0.0057 | 1944.7921 | 11.0480 | 0.0005 | 0.0905 | 118.9683 | 10.7683 |

| 10% | | | | | | | | 10% |
|-----|----------|--------|-----------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1000 | 0.9091 | 1.0000 | 0.9091 | 1.0000 | 1.1000 | 0.0000 | 0.0000 |
| 2 | 1.2100 | 0.8264 | 2.1000 | 1.7355 | 0.4762 | 0.5762 | 0.8264 | 0.4762 |
| 3 | 1.3310 | 0.7513 | 3.3100 | 2.4869 | 0.3021 | 0.4021 | 2.3291 | 0.9366 |
| 4 | 1.4641 | 0.6830 | 4.6410 | 3.1699 | 0.2155 | 0.3155 | 4.3781 | 1.3812 |
| 5 | 1.6105 | 0.6209 | 6.1051 | 3.7908 | 0.1638 | 0.2638 | 6.8618 | 1.8101 |
| 6 | 1.7716 | 0.5645 | 7.7156 | 4.3553 | 0.1296 | 0.2296 | 9.6842 | 2.2236 |
| 7 | 1.9487 | 0.5132 | 9.4872 | 4.8684 | 0.1054 | 0.2054 | 12.7631 | 2.6216 |
| 8 | 2.1436 | 0.4665 | 11.4359 | 5.3349 | 0.0874 | 0.1874 | 16.0287 | 3.0045 |
| 9 | 2.3579 | 0.4241 | 13.5795 | 5.7590 | 0.0736 | 0.1736 | 19.4215 | 3.3724 |
| 10 | 2.5937 | 0.3855 | 15.9374 | 6.1446 | 0.0627 | 0.1627 | 22.8913 | 3.7255 |
| 11 | 2.8531 | 0.3505 | 18.5312 | 6.4951 | 0.0540 | 0.1540 | 26.3963 | 4.0641 |
| 12 | 3.1384 | 0.3186 | 21.3843 | 6.8137 | 0.0468 | 0.1468 | 29.9012 | 4.3884 |
| 13 | 3.4523 | 0.2897 | 24.5227 | 7.1034 | 0.0408 | 0.1408 | 33.3772 | 4.6988 |
| 14 | 3.7975 | 0.2633 | 27.9750 | 7.3667 | 0.0357 | 0.1357 | 36.8005 | 4.9955 |
| 15 | 4.1772 | 0.2394 | 31.7725 | 7.6061 | 0.0315 | 0.1315 | 40.1520 | 5.2789 |
| 16 | 4.5950 | 0.2176 | 35.9497 | 7.8237 | 0.0278 | 0.1278 | 43.4164 | 5.5493 |
| 17 | 5.0545 | 0.1978 | 40.5447 | 8.0216 | 0.0247 | 0.1247 | 46.5819 | 5.8071 |
| 18 | 5.5599 | 0.1799 | 45.5992 | 8.2014 | 0.0219 | 0.1219 | 49.6395 | 6.0526 |
| 19 | 6.1159 | 0.1635 | 51.1591 | 8.3649 | 0.0195 | 0.1195 | 52.5827 | 6.2861 |
| 20 | 6.7275 | 0.1486 | 57.2750 | 8.5136 | 0.0175 | 0.1175 | 55.4069 | 6.5081 |
| 21 | 7.4002 | 0.1351 | 64.0025 | 8.6487 | 0.0156 | 0.1156 | 58.1095 | 6.7189 |
| 22 | 8.1403 | 0.1228 | 71.4027 | 8.7715 | 0.0140 | 0.1140 | 60.6893 | 6.9189 |
| 23 | 8.9543 | 0.1117 | 79.5430 | 8.8832 | 0.0126 | 0.1126 | 63.1462 | 7.1085 |
| 24 | 9.8497 | 0.1015 | 88.4973 | 8.9847 | 0.0113 | 0.1113 | 65.4813 | 7.2881 |
| 25 | 10.8347 | 0.0923 | 98.3471 | 9.0770 | 0.0102 | 0.1102 | 67.6964 | 7.4580 |
| 26 | 11.9182 | 0.0839 | 109.1818 | 9.1609 | 0.0092 | 0.1092 | 69.7940 | 7.6186 |
| 27 | 13.1100 | 0.0763 | 121.0999 | 9.2372 | 0.0083 | 0.1083 | 71.7773 | 7.7704 |
| 28 | 14.4210 | 0.0693 | 134.2099 | 9.3066 | 0.0075 | 0.1075 | 73.6495 | 7.9137 |
| 29 | 15.8631 | 0.0630 | 148.6309 | 9.3696 | 0.0067 | 0.1067 | 75.4146 | 8.0489 |
| 30 | 17.4494 | 0.0573 | 164.4940 | 9.4269 | 0.0061 | 0.1061 | 77.0766 | 8.1762 |
| 31 | 19.1943 | 0.0521 | 181.9434 | 9.4790 | 0.0055 | 0.1055 | 78.6395 | 8.2962 |
| 32 | 21.1138 | 0.0474 | 201.1378 | 9.5264 | 0.0050 | 0.1050 | 80.1078 | 8.4091 |
| 33 | 23.2252 | 0.0431 | 222.2515 | 9.5694 | 0.0045 | 0.1045 | 81.4856 | 8.5152 |
| 34 | 25.5477 | 0.0391 | 245.4767 | 9.6086 | 0.0041 | 0.1041 | 82.7773 | 8.6149 |
| 35 | 28.1024 | 0.0356 | 271.0244 | 9.6442 | 0.0037 | 0.1037 | 83.9872 | 8.7086 |
| 40 | 45.2593 | 0.0221 | 442.5926 | 9.7791 | 0.0023 | 0.1023 | 88.9525 | 9.0962 |
| 45 | 72.8905 | 0.0137 | 718.9048 | 9.8628 | 0.0014 | 0.1014 | 92.4544 | 9.3740 |
| 50 | 117.3909 | 0.0085 | 1163.9085 | 9.9148 | 0.0009 | 0.1009 | 94.8889 | 9.5704 |
| 55 | 189.0591 | 0.0053 | 1880.5914 | 9.9471 | 0.0005 | 0.1005 | 96.5619 | 9.7075 |
| 60 | 304.4816 | 0.0033 | 3034.8164 | 9.9672 | 0.0003 | 0.1003 | 97.7010 | 9.8023 |

| 11% | | | | | | | | 11% |
|-----|----------|--------|-----------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1100 | 0.9009 | 1.0000 | 0.9009 | 1.0000 | 1.1100 | 0.0000 | 0.0000 |
| 2 | 1.2321 | 0.8116 | 2.1100 | 1.7125 | 0.4739 | 0.5839 | 0.8116 | 0.4739 |
| 3 | 1.3676 | 0.7312 | 3.3421 | 2.4437 | 0.2992 | 0.4092 | 2.2740 | 0.9306 |
| 4 | 1.5181 | 0.6587 | 4.7097 | 3.1024 | 0.2123 | 0.3223 | 4.2502 | 1.3700 |
| 5 | 1.6851 | 0.5935 | 6.2278 | 3.6959 | 0.1606 | 0.2706 | 6.6240 | 1.7923 |
| 6 | 1.8704 | 0.5346 | 7.9129 | 4.2305 | 0.1264 | 0.2364 | 9.2972 | 2.1976 |
| 7 | 2.0762 | 0.4817 | 9.7833 | 4.7122 | 0.1022 | 0.2122 | 12.1872 | 2.5863 |
| 8 | 2.3045 | 0.4339 | 11.8594 | 5.1461 | 0.0843 | 0.1943 | 15.2246 | 2.9585 |
| 9 | 2.5580 | 0.3909 | 14.1640 | 5.5370 | 0.0706 | 0.1806 | 18.3520 | 3.3144 |
| 10 | 2.8394 | 0.3522 | 16.7220 | 5.8892 | 0.0598 | 0.1698 | 21.5217 | 3.6544 |
| 11 | 3.1518 | 0.3173 | 19.5614 | 6.2065 | 0.0511 | 0.1611 | 24.6945 | 3.9788 |
| 12 | 3.4985 | 0.2858 | 22.7132 | 6.4924 | 0.0440 | 0.1540 | 27.8388 | 4.2879 |
| 13 | 3.8833 | 0.2575 | 26.2116 | 6.7499 | 0.0382 | 0.1482 | 30.9290 | 4.5822 |
| 14 | 4.3104 | 0.2320 | 30.0949 | 6.9819 | 0.0332 | 0.1432 | 33.9449 | 4.8619 |
| 15 | 4.7846 | 0.2090 | 34.4054 | 7.1909 | 0.0291 | 0.1391 | 36.8709 | 5.1275 |
| 16 | 5.3109 | 0.1883 | 39.1899 | 7.3792 | 0.0255 | 0.1355 | 39.6953 | 5.3794 |
| 17 | 5.8951 | 0.1696 | 44.5008 | 7.5488 | 0.0225 | 0.1325 | 42.4095 | 5.6180 |
| 18 | 6.5436 | 0.1528 | 50.3959 | 7.7016 | 0.0198 | 0.1298 | 45.0074 | 5.8439 |
| 19 | 7.2633 | 0.1377 | 56.9395 | 7.8393 | 0.0176 | 0.1276 | 47.4856 | 6.0574 |
| 20 | 8.0623 | 0.1240 | 64.2028 | 7.9633 | 0.0156 | 0.1256 | 49.8423 | 6.2590 |
| 21 | 8.9492 | 0.1117 | 72.2651 | 8.0751 | 0.0138 | 0.1238 | 52.0771 | 6.4491 |
| 22 | 9.9336 | 0.1007 | 81.2143 | 8.1757 | 0.0123 | 0.1223 | 54.1912 | 6.6283 |
| 23 | 11.0263 | 0.0907 | 91.1479 | 8.2664 | 0.0110 | 0.1210 | 56.1864 | 6.7969 |
| 24 | 12.2392 | 0.0817 | 102.1742 | 8.3481 | 0.0098 | 0.1198 | 58.0656 | 6.9555 |
| 25 | 13.5855 | 0.0736 | 114.4133 | 8.4217 | 0.0087 | 0.1187 | 59.8322 | 7.1045 |
| 26 | 15.0799 | 0.0663 | 127.9988 | 8.4881 | 0.0078 | 0.1178 | 61.4900 | 7.2443 |
| 27 | 16.7386 | 0.0597 | 143.0786 | 8.5478 | 0.0070 | 0.1170 | 63.0433 | 7.3754 |
| 28 | 18.5799 | 0.0538 | 159.8173 | 8.6016 | 0.0063 | 0.1163 | 64.4965 | 7.4982 |
| 29 | 20.6237 | 0.0485 | 178.3972 | 8.6501 | 0.0056 | 0.1156 | 65.8542 | 7.6131 |
| 30 | 22.8923 | 0.0437 | 199.0209 | 8.6938 | 0.0050 | 0.1150 | 67.1210 | 7.7206 |
| 31 | 25.4104 | 0.0394 | 221.9132 | 8.7331 | 0.0045 | 0.1145 | 68.3016 | 7.8210 |
| 32 | 28.2056 | 0.0355 | 247.3236 | 8.7686 | 0.0040 | 0.1140 | 69.4007 | 7.9147 |
| 33 | 31.3082 | 0.0319 | 275.5292 | 8.8005 | 0.0036 | 0.1136 | 70.4228 | 8.0021 |
| 34 | 34.7521 | 0.0288 | 306.8374 | 8.8293 | 0.0033 | 0.1133 | 71.3724 | 8.0836 |
| 35 | 38.5749 | 0.0259 | 341.5896 | 8.8552 | 0.0029 | 0.1129 | 72.2538 | 8.1594 |
| 40 | 65.0009 | 0.0154 | 581.8261 | 8.9511 | 0.0017 | 0.1117 | 75.7789 | 8.4659 |
| 45 | 109.5302 | 0.0091 | 986.6386 | 9.0079 | 0.0010 | 0.1110 | 78.1551 | 8.6763 |
| 50 | 184.5648 | 0.0054 | 1668.7712 | 9.0417 | 0.0006 | 0.1106 | 79.7341 | 8.8185 |
| 55 | 311.0025 | 0.0032 | 2818.2042 | 9.0617 | 0.0004 | 0.1104 | 80.7712 | 8.9135 |
| 60 | 524.0572 | 0.0019 | 4755.0658 | 9.0736 | 0.0002 | 0.1102 | 81.4461 | 8.9762 |

| 12% | | | | | | | | 12% |
|-----|----------|--------|-----------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1200 | 0.8929 | 1.0000 | 0.8929 | 1.0000 | 1.1200 | 0.0000 | 0.0000 |
| 2 | 1.2544 | 0.7972 | 2.1200 | 1.6901 | 0.4717 | 0.5917 | 0.7972 | 0.4717 |
| 3 | 1.4049 | 0.7118 | 3.3744 | 2.4018 | 0.2963 | 0.4163 | 2.2208 | 0.9246 |
| 4 | 1.5735 | 0.6355 | 4.7793 | 3.0373 | 0.2092 | 0.3292 | 4.1273 | 1.3589 |
| 5 | 1.7623 | 0.5674 | 6.3528 | 3.6048 | 0.1574 | 0.2774 | 6.3970 | 1.7746 |
| 6 | 1.9738 | 0.5066 | 8.1152 | 4.1114 | 0.1232 | 0.2432 | 8.9302 | 2.1720 |
| 7 | 2.2107 | 0.4523 | 10.0890 | 4.5638 | 0.0991 | 0.2191 | 11.6443 | 2.5515 |
| 8 | 2.4760 | 0.4039 | 12.2997 | 4.9676 | 0.0813 | 0.2013 | 14.4714 | 2.9131 |
| 9 | 2.7731 | 0.3606 | 14.7757 | 5.3282 | 0.0677 | 0.1877 | 17.3563 | 3.2574 |
| 10 | 3.1058 | 0.3220 | 17.5487 | 5.6502 | 0.0570 | 0.1770 | 20.2541 | 3.5847 |
| 11 | 3.4785 | 0.2875 | 20.6546 | 5.9377 | 0.0484 | 0.1684 | 23.1288 | 3.8953 |
| 12 | 3.8960 | 0.2567 | 24.1331 | 6.1944 | 0.0414 | 0.1614 | 25.9523 | 4.1897 |
| 13 | 4.3635 | 0.2292 | 28.0291 | 6.4235 | 0.0357 | 0.1557 | 28.7024 | 4.4683 |
| 14 | 4.8871 | 0.2046 | 32.3926 | 6.6282 | 0.0309 | 0.1509 | 31.3624 | 4.7317 |
| 15 | 5.4736 | 0.1827 | 37.2797 | 6.8109 | 0.0268 | 0.1468 | 33.9202 | 4.9803 |
| 16 | 6.1304 | 0.1631 | 42.7533 | 6.9740 | 0.0234 | 0.1434 | 36.3670 | 5.2147 |
| 17 | 6.8660 | 0.1456 | 48.8837 | 7.1196 | 0.0205 | 0.1405 | 38.6973 | 5.4353 |
| 18 | 7.6900 | 0.1300 | 55.7497 | 7.2497 | 0.0179 | 0.1379 | 40.9080 | 5.6427 |
| 19 | 8.6128 | 0.1161 | 63.4397 | 7.3658 | 0.0158 | 0.1358 | 42.9979 | 5.8375 |
| 20 | 9.6463 | 0.1037 | 72.0524 | 7.4694 | 0.0139 | 0.1339 | 44.9676 | 6.0202 |
| 21 | 10.8038 | 0.0926 | 81.6987 | 7.5620 | 0.0122 | 0.1322 | 46.8188 | 6.1913 |
| 22 | 12.1003 | 0.0826 | 92.5026 | 7.6446 | 0.0108 | 0.1308 | 48.5543 | 6.3514 |
| 23 | 13.5523 | 0.0738 | 104.6029 | 7.7184 | 0.0096 | 0.1296 | 50.1776 | 6.5010 |
| 24 | 15.1786 | 0.0659 | 118.1552 | 7.7843 | 0.0085 | 0.1285 | 51.6929 | 6.6406 |
| 25 | 17.0001 | 0.0588 | 133.3339 | 7.8431 | 0.0075 | 0.1275 | 53.1046 | 6.7708 |
| 26 | 19.0401 | 0.0525 | 150.3339 | 7.8957 | 0.0067 | 0.1267 | 54.4177 | 6.8921 |
| 27 | 21.3249 | 0.0469 | 169.3740 | 7.9426 | 0.0059 | 0.1259 | 55.6369 | 7.0049 |
| 28 | 23.8839 | 0.0419 | 190.6989 | 7.9844 | 0.0052 | 0.1252 | 56.7674 | 7.1098 |
| 29 | 26.7499 | 0.0374 | 214.5828 | 8.0218 | 0.0047 | 0.1247 | 57.8141 | 7.2071 |
| 30 | 29.9599 | 0.0334 | 241.3327 | 8.0552 | 0.0041 | 0.1241 | 58.7821 | 7.2974 |
| 31 | 33.5551 | 0.0298 | 271.2926 | 8.0850 | 0.0037 | 0.1237 | 59.6761 | 7.3811 |
| 32 | 37.5817 | 0.0266 | 304.8477 | 8.1116 | 0.0033 | 0.1233 | 60.5010 | 7.4586 |
| 33 | 42.0915 | 0.0238 | 342.4294 | 8.1354 | 0.0029 | 0.1229 | 61.2612 | 7.5302 |
| 34 | 47.1425 | 0.0212 | 384.5210 | 8.1566 | 0.0026 | 0.1226 | 61.9612 | 7.5965 |
| 35 | 52.7996 | 0.0189 | 431.6635 | 8.1755 | 0.0023 | 0.1223 | 62.6052 | 7.6577 |
| 40 | 93.0510 | 0.0107 | 767.0914 | 8.2438 | 0.0013 | 0.1213 | 65.1159 | 7.8988 |
| 45 | 163.9876 | 0.0061 | 1358.2300 | 8.2825 | 0.0007 | 0.1207 | 66.7342 | 8.0572 |
| 50 | 289.0022 | 0.0035 | 2400.0182 | 8.3045 | 0.0004 | 0.1204 | 67.7624 | 8.1597 |
| 55 | 509.3206 | 0.0020 | 4236.0050 | 8.3170 | 0.0002 | 0.1202 | 68.4082 | 8.2251 |
| 60 | 897.5969 | 0.0011 | 7471.6411 | 8.3240 | 0.0001 | 0.1201 | 68.8100 | 8.2664 |

| 13% | | | | | | | | 13% |
|-----|-----------|--------|------------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1300 | 0.8850 | 1.0000 | 0.8850 | 1.0000 | 1.1300 | 0.0000 | 0.0000 |
| 2 | 1.2769 | 0.7831 | 2.1300 | 1.6681 | 0.4695 | 0.5995 | 0.7831 | 0.4695 |
| 3 | 1.4429 | 0.6931 | 3.4069 | 2.3612 | 0.2935 | 0.4235 | 2.1692 | 0.9187 |
| 4 | 1.6305 | 0.6133 | 4.8498 | 2.9745 | 0.2062 | 0.3362 | 4.0092 | 1.3479 |
| 5 | 1.8424 | 0.5428 | 6.4803 | 3.5172 | 0.1543 | 0.2843 | 6.1802 | 1.7571 |
| 6 | 2.0820 | 0.4803 | 8.3227 | 3.9975 | 0.1202 | 0.2502 | 8.5818 | 2.1468 |
| 7 | 2.3526 | 0.4251 | 10.4047 | 4.4226 | 0.0961 | 0.2261 | 11.1322 | 2.5171 |
| 8 | 2.6584 | 0.3762 | 12.7573 | 4.7988 | 0.0784 | 0.2084 | 13.7653 | 2.8685 |
| 9 | 3.0040 | 0.3329 | 15.4157 | 5.1317 | 0.0649 | 0.1949 | 16.4284 | 3.2014 |
| 10 | 3.3946 | 0.2946 | 18.4197 | 5.4262 | 0.0543 | 0.1843 | 19.0797 | 3.5162 |
| 11 | 3.8359 | 0.2607 | 21.8143 | 5.6869 | 0.0458 | 0.1758 | 21.6867 | 3.8134 |
| 12 | 4.3345 | 0.2307 | 25.6502 | 5.9176 | 0.0390 | 0.1690 | 24.2244 | 4.0936 |
| 13 | 4.8980 | 0.2042 | 29.9847 | 6.1218 | 0.0334 | 0.1634 | 26.6744 | 4.3573 |
| 14 | 5.5348 | 0.1807 | 34.8827 | 6.3025 | 0.0287 | 0.1587 | 29.0232 | 4.6050 |
| 15 | 6.2543 | 0.1599 | 40.4175 | 6.4624 | 0.0247 | 0.1547 | 31.2617 | 4.8375 |
| 16 | 7.0673 | 0.1415 | 46.6717 | 6.6039 | 0.0214 | 0.1514 | 33.3841 | 5.0552 |
| 17 | 7.9861 | 0.1252 | 53.7391 | 6.7291 | 0.0186 | 0.1486 | 35.3876 | 5.2589 |
| 18 | 9.0243 | 0.1108 | 61.7251 | 6.8399 | 0.0162 | 0.1462 | 37.2714 | 5.4491 |
| 19 | 10.1974 | 0.0981 | 70.7494 | 6.9380 | 0.0141 | 0.1441 | 39.0366 | 5.6265 |
| 20 | 11.5231 | 0.0868 | 80.9468 | 7.0248 | 0.0124 | 0.1424 | 40.6854 | 5.7917 |
| 21 | 13.0211 | 0.0768 | 92.4699 | 7.1016 | 0.0108 | 0.1408 | 42.2214 | 5.9454 |
| 22 | 14.7138 | 0.0680 | 105.4910 | 7.1695 | 0.0095 | 0.1395 | 43.6486 | 6.0881 |
| 23 | 16.6266 | 0.0601 | 120.2048 | 7.2297 | 0.0083 | 0.1383 | 44.9718 | 6.2205 |
| 24 | 18.7881 | 0.0532 | 136.8315 | 7.2829 | 0.0073 | 0.1373 | 46.1960 | 6.3431 |
| 25 | 21.2305 | 0.0471 | 155.6196 | 7.3300 | 0.0064 | 0.1364 | 47.3264 | 6.4566 |
| 26 | 23.9905 | 0.0417 | 176.8501 | 7.3717 | 0.0057 | 0.1357 | 48.3685 | 6.5614 |
| 27 | 27.1093 | 0.0369 | 200.8406 | 7.4086 | 0.0050 | 0.1350 | 49.3276 | 6.6582 |
| 28 | 30.6335 | 0.0326 | 227.9499 | 7.4412 | 0.0044 | 0.1344 | 50.2090 | 6.7474 |
| 29 | 34.6158 | 0.0289 | 258.5834 | 7.4701 | 0.0039 | 0.1339 | 51.0179 | 6.8296 |
| 30 | 39.1159 | 0.0256 | 293.1992 | 7.4957 | 0.0034 | 0.1334 | 51.7592 | 6.9052 |
| 31 | 44.2010 | 0.0226 | 332.3151 | 7.5183 | 0.0030 | 0.1330 | 52.4380 | 6.9747 |
| 32 | 49.9471 | 0.0200 | 376.5161 | 7.5383 | 0.0027 | 0.1327 | 53.0586 | 7.0385 |
| 33 | 56.4402 | 0.0177 | 426.4632 | 7.5560 | 0.0023 | 0.1323 | 53.6256 | 7.0971 |
| 34 | 63.7774 | 0.0157 | 482.9034 | 7.5717 | 0.0021 | 0.1321 | 54.1430 | 7.1507 |
| 35 | 72.0685 | 0.0139 | 546.6808 | 7.5856 | 0.0018 | 0.1318 | 54.6148 | 7.1998 |
| 40 | 132.7816 | 0.0075 | 1013.7042 | 7.6344 | 0.0010 | 0.1310 | 56.4087 | 7.3888 |
| 45 | 244.6414 | 0.0041 | 1874.1646 | 7.6609 | 0.0005 | 0.1305 | 57.5148 | 7.5076 |
| 50 | 450.7359 | 0.0022 | 3459.5071 | 7.6752 | 0.0003 | 0.1303 | 58.1870 | 7.5811 |
| 55 | 830.4517 | 0.0012 | 6380.3979 | 7.6830 | 0.0002 | 0.1302 | 58.5909 | 7.6260 |
| 60 | 1530.0535 | 0.0007 | 11761.9498 | 7.6873 | 0.0001 | 0.1301 | 58.8313 | 7.6531 |

| 14% | | | | | | | | 14% |
|-----|-----------|--------|------------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1400 | 0.8772 | 1.0000 | 0.8772 | 1.0000 | 1.1400 | 0.0000 | 0.0000 |
| 2 | 1.2996 | 0.7695 | 2.1400 | 1.6467 | 0.4673 | 0.6073 | 0.7695 | 0.4673 |
| 3 | 1.4815 | 0.6750 | 3.4396 | 2.3216 | 0.2907 | 0.4307 | 2.1194 | 0.9129 |
| 4 | 1.6890 | 0.5921 | 4.9211 | 2.9137 | 0.2032 | 0.3432 | 3.8957 | 1.3370 |
| 5 | 1.9254 | 0.5194 | 6.6101 | 3.4331 | 0.1513 | 0.2913 | 5.9731 | 1.7399 |
| 6 | 2.1950 | 0.4556 | 8.5355 | 3.8887 | 0.1172 | 0.2572 | 8.2511 | 2.1218 |
| 7 | 2.5023 | 0.3996 | 10.7305 | 4.2883 | 0.0932 | 0.2332 | 10.6489 | 2.4832 |
| 8 | 2.8526 | 0.3506 | 13.2328 | 4.6389 | 0.0756 | 0.2156 | 13.1028 | 2.8246 |
| 9 | 3.2519 | 0.3075 | 16.0853 | 4.9464 | 0.0622 | 0.2022 | 15.5629 | 3.1463 |
| 10 | 3.7072 | 0.2697 | 19.3373 | 5.2161 | 0.0517 | 0.1917 | 17.9906 | 3.4490 |
| 11 | 4.2262 | 0.2366 | 23.0445 | 5.4527 | 0.0434 | 0.1834 | 20.3567 | 3.7333 |
| 12 | 4.8179 | 0.2076 | 27.2707 | 5.6603 | 0.0367 | 0.1767 | 22.6399 | 3.9998 |
| 13 | 5.4924 | 0.1821 | 32.0887 | 5.8424 | 0.0312 | 0.1712 | 24.8247 | 4.2491 |
| 14 | 6.2613 | 0.1597 | 37.5811 | 6.0021 | 0.0266 | 0.1666 | 26.9009 | 4.4819 |
| 15 | 7.1379 | 0.1401 | 43.8424 | 6.1422 | 0.0228 | 0.1628 | 28.8623 | 4.6990 |
| 16 | 8.1372 | 0.1229 | 50.9804 | 6.2651 | 0.0196 | 0.1596 | 30.7057 | 4.9011 |
| 17 | 9.2765 | 0.1078 | 59.1176 | 6.3729 | 0.0169 | 0.1569 | 32.4305 | 5.0888 |
| 18 | 10.5752 | 0.0946 | 68.3941 | 6.4674 | 0.0146 | 0.1546 | 34.0380 | 5.2630 |
| 19 | 12.0557 | 0.0829 | 78.9692 | 6.5504 | 0.0127 | 0.1527 | 35.5311 | 5.4243 |
| 20 | 13.7435 | 0.0728 | 91.0249 | 6.6231 | 0.0110 | 0.1510 | 36.9135 | 5.5734 |
| 21 | 15.6676 | 0.0638 | 104.7684 | 6.6870 | 0.0095 | 0.1495 | 38.1901 | 5.7111 |
| 22 | 17.8610 | 0.0560 | 120.4360 | 6.7429 | 0.0083 | 0.1483 | 39.3658 | 5.8381 |
| 23 | 20.3616 | 0.0491 | 138.2970 | 6.7921 | 0.0072 | 0.1472 | 40.4463 | 5.9549 |
| 24 | 23.2122 | 0.0431 | 158.6586 | 6.8351 | 0.0063 | 0.1463 | 41.4371 | 6.0624 |
| 25 | 26.4619 | 0.0378 | 181.8708 | 6.8729 | 0.0055 | 0.1455 | 42.3441 | 6.1610 |
| 26 | 30.1666 | 0.0331 | 208.3327 | 6.9061 | 0.0048 | 0.1448 | 43.1728 | 6.2514 |
| 27 | 34.3899 | 0.0291 | 238.4993 | 6.9352 | 0.0042 | 0.1442 | 43.9289 | 6.3342 |
| 28 | 39.2045 | 0.0255 | 272.8892 | 6.9607 | 0.0037 | 0.1437 | 44.6176 | 6.4100 |
| 29 | 44.6931 | 0.0224 | 312.0937 | 6.9830 | 0.0032 | 0.1432 | 45.2441 | 6.4791 |
| 30 | 50.9502 | 0.0196 | 356.7868 | 7.0027 | 0.0028 | 0.1428 | 45.8132 | 6.5423 |
| 31 | 58.0832 | 0.0172 | 407.7370 | 7.0199 | 0.0025 | 0.1425 | 46.3297 | 6.5998 |
| 32 | 66.2148 | 0.0151 | 465.8202 | 7.0350 | 0.0021 | 0.1421 | 46.7979 | 6.6522 |
| 33 | 75.4849 | 0.0132 | 532.0350 | 7.0482 | 0.0019 | 0.1419 | 47.2218 | 6.6998 |
| 34 | 86.0528 | 0.0116 | 607.5199 | 7.0599 | 0.0016 | 0.1416 | 47.6053 | 6.7431 |
| 35 | 98.1002 | 0.0102 | 693.5727 | 7.0700 | 0.0014 | 0.1414 | 47.9519 | 6.7824 |
| 40 | 188.8835 | 0.0053 | 1342.0251 | 7.1050 | 0.0007 | 0.1407 | 49.2376 | 6.9300 |
| 45 | 363.6791 | 0.0027 | 2590.5648 | 7.1232 | 0.0004 | 0.1404 | 49.9963 | 7.0188 |
| 50 | 700.2330 | 0.0014 | 4994.5213 | 7.1327 | 0.0002 | 0.1402 | 50.4375 | 7.0714 |
| 55 | 1348.2388 | 0.0007 | 9623.1343 | 7.1376 | 0.0001 | 0.1401 | 50.6912 | 7.1020 |
| 60 | 2595.9187 | 0.0004 | 18535.1333 | 7.1401 | 0.0001 | 0.1401 | 50.8357 | 7.1197 |

| 15% | | | | | | | | 15% |
|-----|-----------|--------|------------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1500 | 0.8696 | 1.0000 | 0.8696 | 1.0000 | 1.1500 | 0.0000 | 0.0000 |
| 2 | 1.3225 | 0.7561 | 2.1500 | 1.6257 | 0.4651 | 0.6151 | 0.7561 | 0.4651 |
| 3 | 1.5209 | 0.6575 | 3.4725 | 2.2832 | 0.2880 | 0.4380 | 2.0712 | 0.9071 |
| 4 | 1.7490 | 0.5718 | 4.9934 | 2.8550 | 0.2003 | 0.3503 | 3.7864 | 1.3263 |
| 5 | 2.0114 | 0.4972 | 6.7424 | 3.3522 | 0.1483 | 0.2983 | 5.7751 | 1.7228 |
| 6 | 2.3131 | 0.4323 | 8.7537 | 3.7845 | 0.1142 | 0.2642 | 7.9368 | 2.0972 |
| 7 | 2.6600 | 0.3759 | 11.0668 | 4.1604 | 0.0904 | 0.2404 | 10.1924 | 2.4498 |
| 8 | 3.0590 | 0.3269 | 13.7268 | 4.4873 | 0.0729 | 0.2229 | 12.4807 | 2.7813 |
| 9 | 3.5179 | 0.2843 | 16.7858 | 4.7716 | 0.0596 | 0.2096 | 14.7548 | 3.0922 |
| 10 | 4.0456 | 0.2472 | 20.3037 | 5.0188 | 0.0493 | 0.1993 | 16.9795 | 3.3832 |
| 11 | 4.6524 | 0.2149 | 24.3493 | 5.2337 | 0.0411 | 0.1911 | 19.1289 | 3.6549 |
| 12 | 5.3503 | 0.1869 | 29.0017 | 5.4206 | 0.0345 | 0.1845 | 21.1849 | 3.9082 |
| 13 | 6.1528 | 0.1625 | 34.3519 | 5.5831 | 0.0291 | 0.1791 | 23.1352 | 4.1438 |
| 14 | 7.0757 | 0.1413 | 40.5047 | 5.7245 | 0.0247 | 0.1747 | 24.9725 | 4.3624 |
| 15 | 8.1371 | 0.1229 | 47.5804 | 5.8474 | 0.0210 | 0.1710 | 26.6930 | 4.5650 |
| 16 | 9.3576 | 0.1069 | 55.7175 | 5.9542 | 0.0179 | 0.1679 | 28.2960 | 4.7522 |
| 17 | 10.7613 | 0.0929 | 65.0751 | 6.0472 | 0.0154 | 0.1654 | 29.7828 | 4.9251 |
| 18 | 12.3755 | 0.0808 | 75.8364 | 6.1280 | 0.0132 | 0.1632 | 31.1565 | 5.0843 |
| 19 | 14.2318 | 0.0703 | 88.2118 | 6.1982 | 0.0113 | 0.1613 | 32.4213 | 5.2307 |
| 20 | 16.3665 | 0.0611 | 102.4436 | 6.2593 | 0.0098 | 0.1598 | 33.5822 | 5.3651 |
| 21 | 18.8215 | 0.0531 | 118.8101 | 6.3125 | 0.0084 | 0.1584 | 34.6448 | 5.4883 |
| 22 | 21.6447 | 0.0462 | 137.6316 | 6.3587 | 0.0073 | 0.1573 | 35.6150 | 5.6010 |
| 23 | 24.8915 | 0.0402 | 159.2764 | 6.3988 | 0.0063 | 0.1563 | 36.4988 | 5.7040 |
| 24 | 28.6252 | 0.0349 | 184.1678 | 6.4338 | 0.0054 | 0.1554 | 37.3023 | 5.7979 |
| 25 | 32.9190 | 0.0304 | 212.7930 | 6.4641 | 0.0047 | 0.1547 | 38.0314 | 5.8834 |
| 26 | 37.8568 | 0.0264 | 245.7120 | 6.4906 | 0.0041 | 0.1541 | 38.6918 | 5.9612 |
| 27 | 43.5353 | 0.0230 | 283.5688 | 6.5135 | 0.0035 | 0.1535 | 39.2890 | 6.0319 |
| 28 | 50.0656 | 0.0200 | 327.1041 | 6.5335 | 0.0031 | 0.1531 | 39.8283 | 6.0960 |
| 29 | 57.5755 | 0.0174 | 377.1697 | 6.5509 | 0.0027 | 0.1527 | 40.3146 | 6.1541 |
| 30 | 66.2118 | 0.0151 | 434.7451 | 6.5660 | 0.0023 | 0.1523 | 40.7526 | 6.2066 |
| 31 | 76.1435 | 0.0131 | 500.9569 | 6.5791 | 0.0020 | 0.1520 | 41.1466 | 6.2541 |
| 32 | 87.5651 | 0.0114 | 577.1005 | 6.5905 | 0.0017 | 0.1517 | 41.5006 | 6.2970 |
| 33 | 100.6998 | 0.0099 | 664.6655 | 6.6005 | 0.0015 | 0.1515 | 41.8184 | 6.3357 |
| 34 | 115.8048 | 0.0086 | 765.3654 | 6.6091 | 0.0013 | 0.1513 | 42.1033 | 6.3705 |
| 35 | 133.1755 | 0.0075 | 881.1702 | 6.6166 | 0.0011 | 0.1511 | 42.3586 | 6.4019 |
| 40 | 267.8635 | 0.0037 | 1779.0903 | 6.6418 | 0.0006 | 0.1506 | 43.2830 | 6.5168 |
| 45 | 538.7693 | 0.0019 | 3585.1285 | 6.6543 | 0.0003 | 0.1503 | 43.8051 | 6.5830 |
| 50 | 1083.6574 | 0.0009 | 7217.7163 | 6.6605 | 0.0001 | 0.1501 | 44.0958 | 6.6205 |
| 55 | 2179.6222 | 0.0005 | 14524.1479 | 6.6636 | 0.0001 | 0.1501 | 44.2558 | 6.6414 |
| 60 | 4383.9987 | 0.0002 | 29219.9916 | 6.6651 | 0.0000 | 0.1500 | 44.3431 | 6.6530 |

| 16% | | | | | | | | 16% |
|-----|-----------|--------|------------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1600 | 0.8621 | 1.0000 | 0.8621 | 1.0000 | 1.1600 | 0.0000 | 0.0000 |
| 2 | 1.3456 | 0.7432 | 2.1600 | 1.6052 | 0.4630 | 0.6230 | 0.7432 | 0.4630 |
| 3 | 1.5609 | 0.6407 | 3.5056 | 2.2459 | 0.2853 | 0.4453 | 2.0245 | 0.9014 |
| 4 | 1.8106 | 0.5523 | 5.0665 | 2.7982 | 0.1974 | 0.3574 | 3.6814 | 1.3156 |
| 5 | 2.1003 | 0.4761 | 6.8771 | 3.2743 | 0.1454 | 0.3054 | 5.5858 | 1.7060 |
| 6 | 2.4364 | 0.4104 | 8.9775 | 3.6847 | 0.1114 | 0.2714 | 7.6380 | 2.0729 |
| 7 | 2.8262 | 0.3538 | 11.4139 | 4.0386 | 0.0876 | 0.2476 | 9.7610 | 2.4169 |
| 8 | 3.2784 | 0.3050 | 14.2401 | 4.3436 | 0.0702 | 0.2302 | 11.8962 | 2.7388 |
| 9 | 3.8030 | 0.2630 | 17.5185 | 4.6065 | 0.0571 | 0.2171 | 13.9998 | 3.0391 |
| 10 | 4.4114 | 0.2267 | 21.3215 | 4.8332 | 0.0469 | 0.2069 | 16.0399 | 3.3187 |
| 11 | 5.1173 | 0.1954 | 25.7329 | 5.0286 | 0.0389 | 0.1989 | 17.9941 | 3.5783 |
| 12 | 5.9360 | 0.1685 | 30.8502 | 5.1971 | 0.0324 | 0.1924 | 19.8472 | 3.8189 |
| 13 | 6.8858 | 0.1452 | 36.7862 | 5.3423 | 0.0272 | 0.1872 | 21.5899 | 4.0413 |
| 14 | 7.9875 | 0.1252 | 43.6720 | 5.4675 | 0.0229 | 0.1829 | 23.2175 | 4.2464 |
| 15 | 9.2655 | 0.1079 | 51.6595 | 5.5755 | 0.0194 | 0.1794 | 24.7284 | 4.4352 |
| 16 | 10.7480 | 0.0930 | 60.9250 | 5.6685 | 0.0164 | 0.1764 | 26.1241 | 4.6086 |
| 17 | 12.4677 | 0.0802 | 71.6730 | 5.7487 | 0.0140 | 0.1740 | 27.4074 | 4.7676 |
| 18 | 14.4625 | 0.0691 | 84.1407 | 5.8178 | 0.0119 | 0.1719 | 28.5828 | 4.9130 |
| 19 | 16.7765 | 0.0596 | 98.6032 | 5.8775 | 0.0101 | 0.1701 | 29.6557 | 5.0457 |
| 20 | 19.4608 | 0.0514 | 115.3797 | 5.9288 | 0.0087 | 0.1687 | 30.6321 | 5.1666 |
| 21 | 22.5745 | 0.0443 | 134.8405 | 5.9731 | 0.0074 | 0.1674 | 31.5180 | 5.2766 |
| 22 | 26.1864 | 0.0382 | 157.4150 | 6.0113 | 0.0064 | 0.1664 | 32.3200 | 5.3765 |
| 23 | 30.3762 | 0.0329 | 183.6014 | 6.0442 | 0.0054 | 0.1654 | 33.0442 | 5.4671 |
| 24 | 35.2364 | 0.0284 | 213.9776 | 6.0726 | 0.0047 | 0.1647 | 33.6970 | 5.5490 |
| 25 | 40.8742 | 0.0245 | 249.2140 | 6.0971 | 0.0040 | 0.1640 | 34.2841 | 5.6230 |
| 26 | 47.4141 | 0.0211 | 290.0883 | 6.1182 | 0.0034 | 0.1634 | 34.8114 | 5.6898 |
| 27 | 55.0004 | 0.0182 | 337.5024 | 6.1364 | 0.0030 | 0.1630 | 35.2841 | 5.7500 |
| 28 | 63.8004 | 0.0157 | 392.5028 | 6.1520 | 0.0025 | 0.1625 | 35.7073 | 5.8041 |
| 29 | 74.0085 | 0.0135 | 456.3032 | 6.1656 | 0.0022 | 0.1622 | 36.0856 | 5.8528 |
| 30 | 85.8499 | 0.0116 | 530.3117 | 6.1772 | 0.0019 | 0.1619 | 36.4234 | 5.8964 |
| 31 | 99.5859 | 0.0100 | 616.1616 | 6.1872 | 0.0016 | 0.1616 | 36.7247 | 5.9356 |
| 32 | 115.5196 | 0.0087 | 715.7475 | 6.1959 | 0.0014 | 0.1614 | 36.9930 | 5.9706 |
| 33 | 134.0027 | 0.0075 | 831.2671 | 6.2034 | 0.0012 | 0.1612 | 37.2318 | 6.0019 |
| 34 | 155.4432 | 0.0064 | 965.2698 | 6.2098 | 0.0010 | 0.1610 | 37.4441 | 6.0299 |
| 35 | 180.3141 | 0.0055 | 1120.7130 | 6.2153 | 0.0009 | 0.1609 | 37.6327 | 6.0548 |
| 40 | 378.7212 | 0.0026 | 2360.7572 | 6.2335 | 0.0004 | 0.1604 | 38.2992 | 6.1441 |
| 45 | 795.4438 | 0.0013 | 4965.2739 | 6.2421 | 0.0002 | 0.1602 | 38.6598 | 6.1934 |
| 50 | 1670.7038 | 0.0006 | 10435.6488 | 6.2463 | 0.0001 | 0.1601 | 38.8521 | 6.2201 |
| 55 | 3509.0488 | 0.0003 | 21925.3050 | 6.2482 | 0.0000 | 0.1600 | 38.9534 | 6.2343 |
| 60 | 7370.2014 | 0.0001 | 46057.5085 | 6.2492 | 0.0000 | 0.1600 | 39.0063 | 6.2419 |

| 18% | | | | | | | | 18% |
|-----|------------|--------|-------------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.1800 | 0.8475 | 1.0000 | 0.8475 | 1.0000 | 1.1800 | 0.0000 | 0.0000 |
| 2 | 1.3924 | 0.7182 | 2.1800 | 1.5656 | 0.4587 | 0.6387 | 0.7182 | 0.4587 |
| 3 | 1.6430 | 0.6086 | 3.5724 | 2.1743 | 0.2799 | 0.4599 | 1.9354 | 0.8902 |
| 4 | 1.9388 | 0.5158 | 5.2154 | 2.6901 | 0.1917 | 0.3717 | 3.4828 | 1.2947 |
| 5 | 2.2878 | 0.4371 | 7.1542 | 3.1272 | 0.1398 | 0.3198 | 5.2312 | 1.6728 |
| 6 | 2.6996 | 0.3704 | 9.4420 | 3.4976 | 0.1059 | 0.2859 | 7.0834 | 2.0252 |
| 7 | 3.1855 | 0.3139 | 12.1415 | 3.8115 | 0.0824 | 0.2624 | 8.9670 | 2.3526 |
| 8 | 3.7589 | 0.2660 | 15.3270 | 4.0776 | 0.0652 | 0.2452 | 10.8292 | 2.6558 |
| 9 | 4.4355 | 0.2255 | 19.0859 | 4.3030 | 0.0524 | 0.2324 | 12.6329 | 2.9358 |
| 10 | 5.2338 | 0.1911 | 23.5213 | 4.4941 | 0.0425 | 0.2225 | 14.3525 | 3.1936 |
| 11 | 6.1759 | 0.1619 | 28.7551 | 4.6560 | 0.0348 | 0.2148 | 15.9716 | 3.4303 |
| 12 | 7.2876 | 0.1372 | 34.9311 | 4.7932 | 0.0286 | 0.2086 | 17.4811 | 3.6470 |
| 13 | 8.5994 | 0.1163 | 42.2187 | 4.9095 | 0.0237 | 0.2037 | 18.8765 | 3.8449 |
| 14 | 10.1472 | 0.0985 | 50.8180 | 5.0081 | 0.0197 | 0.1997 | 20.1576 | 4.0250 |
| 15 | 11.9737 | 0.0835 | 60.9653 | 5.0916 | 0.0164 | 0.1964 | 21.3269 | 4.1887 |
| 16 | 14.1290 | 0.0708 | 72.9390 | 5.1624 | 0.0137 | 0.1937 | 22.3885 | 4.3369 |
| 17 | 16.6722 | 0.0600 | 87.0680 | 5.2223 | 0.0115 | 0.1915 | 23.3482 | 4.4708 |
| 18 | 19.6733 | 0.0508 | 103.7403 | 5.2732 | 0.0096 | 0.1896 | 24.2123 | 4.5916 |
| 19 | 23.2144 | 0.0431 | 123.4135 | 5.3162 | 0.0081 | 0.1881 | 24.9877 | 4.7003 |
| 20 | 27.3930 | 0.0365 | 146.6280 | 5.3527 | 0.0068 | 0.1868 | 25.6813 | 4.7978 |
| 21 | 32.3238 | 0.0309 | 174.0210 | 5.3837 | 0.0057 | 0.1857 | 26.3000 | 4.8851 |
| 22 | 38.1421 | 0.0262 | 206.3448 | 5.4099 | 0.0048 | 0.1848 | 26.8506 | 4.9632 |
| 23 | 45.0076 | 0.0222 | 244.4868 | 5.4321 | 0.0041 | 0.1841 | 27.3394 | 5.0329 |
| 24 | 53.1090 | 0.0188 | 289.4945 | 5.4509 | 0.0035 | 0.1835 | 27.7725 | 5.0950 |
| 25 | 62.6686 | 0.0160 | 342.6035 | 5.4669 | 0.0029 | 0.1829 | 28.1555 | 5.1502 |
| 26 | 73.9490 | 0.0135 | 405.2721 | 5.4804 | 0.0025 | 0.1825 | 28.4935 | 5.1991 |
| 27 | 87.2598 | 0.0115 | 479.2211 | 5.4919 | 0.0021 | 0.1821 | 28.7915 | 5.2425 |
| 28 | 102.9666 | 0.0097 | 566.4809 | 5.5016 | 0.0018 | 0.1818 | 29.0537 | 5.2810 |
| 29 | 121.5005 | 0.0082 | 669.4475 | 5.5098 | 0.0015 | 0.1815 | 29.2842 | 5.3149 |
| 30 | 143.3706 | 0.0070 | 790.9480 | 5.5168 | 0.0013 | 0.1813 | 29.4864 | 5.3448 |
| 31 | 169.1774 | 0.0059 | 934.3186 | 5.5227 | 0.0011 | 0.1811 | 29.6638 | 5.3712 |
| 32 | 199.6293 | 0.0050 | 1103.4960 | 5.5277 | 0.0009 | 0.1809 | 29.8191 | 5.3945 |
| 33 | 235.5625 | 0.0042 | 1303.1253 | 5.5320 | 0.0008 | 0.1808 | 29.9549 | 5.4149 |
| 34 | 277.9638 | 0.0036 | 1538.6878 | 5.5356 | 0.0006 | 0.1806 | 30.0736 | 5.4328 |
| 35 | 327.9973 | 0.0030 | 1816.6516 | 5.5386 | 0.0006 | 0.1806 | 30.1773 | 5.4485 |
| 40 | 750.3783 | 0.0013 | 4163.2130 | 5.5482 | 0.0002 | 0.1802 | 30.5269 | 5.5022 |
| 45 | 1716.6839 | 0.0006 | 9531.5771 | 5.5523 | 0.0001 | 0.1801 | 30.7006 | 5.5293 |
| 50 | 3927.3569 | 0.0003 | 21813.0937 | 5.5541 | 0.0000 | 0.1800 | 30.7856 | 5.5428 |
| 55 | 8984.8411 | 0.0001 | 49910.2284 | 5.5549 | 0.0000 | 0.1800 | 30.8268 | 5.5494 |
| 60 | 20555.1400 | 0.0000 | 114189.6665 | 5.5553 | 0.0000 | 0.1800 | 30.8465 | 5.5526 |

| 20% | | | | | | | | 20% |
|-----|------------|--------|-------------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.2000 | 0.8333 | 1.0000 | 0.8333 | 1.0000 | 1.2000 | 0.0000 | 0.0000 |
| 2 | 1.4400 | 0.6944 | 2.2000 | 1.5278 | 0.4545 | 0.6545 | 0.6944 | 0.4545 |
| 3 | 1.7280 | 0.5787 | 3.6400 | 2.1065 | 0.2747 | 0.4747 | 1.8519 | 0.8791 |
| 4 | 2.0736 | 0.4823 | 5.3680 | 2.5887 | 0.1863 | 0.3863 | 3.2986 | 1.2742 |
| 5 | 2.4883 | 0.4019 | 7.4416 | 2.9906 | 0.1344 | 0.3344 | 4.9061 | 1.6405 |
| 6 | 2.9860 | 0.3349 | 9.9299 | 3.3255 | 0.1007 | 0.3007 | 6.5806 | 1.9788 |
| 7 | 3.5832 | 0.2791 | 12.9159 | 3.6046 | 0.0774 | 0.2774 | 8.2551 | 2.2902 |
| 8 | 4.2998 | 0.2326 | 16.4991 | 3.8372 | 0.0606 | 0.2606 | 9.8831 | 2.5756 |
| 9 | 5.1598 | 0.1938 | 20.7989 | 4.0310 | 0.0481 | 0.2481 | 11.4335 | 2.8364 |
| 10 | 6.1917 | 0.1615 | 25.9587 | 4.1925 | 0.0385 | 0.2385 | 12.8871 | 3.0739 |
| 11 | 7.4301 | 0.1346 | 32.1504 | 4.3271 | 0.0311 | 0.2311 | 14.2330 | 3.2893 |
| 12 | 8.9161 | 0.1122 | 39.5805 | 4.4392 | 0.0253 | 0.2253 | 15.4667 | 3.4841 |
| 13 | 10.6993 | 0.0935 | 48.4966 | 4.5327 | 0.0206 | 0.2206 | 16.5883 | 3.6597 |
| 14 | 12.8392 | 0.0779 | 59.1959 | 4.6106 | 0.0169 | 0.2169 | 17.6008 | 3.8175 |
| 15 | 15.4070 | 0.0649 | 72.0351 | 4.6755 | 0.0139 | 0.2139 | 18.5095 | 3.9588 |
| 16 | 18.4884 | 0.0541 | 87.4421 | 4.7296 | 0.0114 | 0.2114 | 19.3208 | 4.0851 |
| 17 | 22.1861 | 0.0451 | 105.9306 | 4.7746 | 0.0094 | 0.2094 | 20.0419 | 4.1976 |
| 18 | 26.6233 | 0.0376 | 128.1167 | 4.8122 | 0.0078 | 0.2078 | 20.6805 | 4.2975 |
| 19 | 31.9480 | 0.0313 | 154.7400 | 4.8435 | 0.0065 | 0.2065 | 21.2439 | 4.3861 |
| 20 | 38.3376 | 0.0261 | 186.6880 | 4.8696 | 0.0054 | 0.2054 | 21.7395 | 4.4643 |
| 21 | 46.0051 | 0.0217 | 225.0256 | 4.8913 | 0.0044 | 0.2044 | 22.1742 | 4.5334 |
| 22 | 55.2061 | 0.0181 | 271.0307 | 4.9094 | 0.0037 | 0.2037 | 22.5546 | 4.5941 |
| 23 | 66.2474 | 0.0151 | 326.2369 | 4.9245 | 0.0031 | 0.2031 | 22.8867 | 4.6475 |
| 24 | 79.4968 | 0.0126 | 392.4842 | 4.9371 | 0.0025 | 0.2025 | 23.1760 | 4.6943 |
| 25 | 95.3962 | 0.0105 | 471.9811 | 4.9476 | 0.0021 | 0.2021 | 23.4276 | 4.7352 |
| 26 | 114.4755 | 0.0087 | 567.3773 | 4.9563 | 0.0018 | 0.2018 | 23.6460 | 4.7709 |
| 27 | 137.3706 | 0.0073 | 681.8528 | 4.9636 | 0.0015 | 0.2015 | 23.8353 | 4.8020 |
| 28 | 164.8447 | 0.0061 | 819.2233 | 4.9697 | 0.0012 | 0.2012 | 23.9991 | 4.8291 |
| 29 | 197.8136 | 0.0051 | 984.0680 | 4.9747 | 0.0010 | 0.2010 | 24.1406 | 4.8527 |
| 30 | 237.3763 | 0.0042 | 1181.8816 | 4.9789 | 0.0008 | 0.2008 | 24.2628 | 4.8731 |
| 31 | 284.8516 | 0.0035 | 1419.2579 | 4.9824 | 0.0007 | 0.2007 | 24.3681 | 4.8908 |
| 32 | 341.8219 | 0.0029 | 1704.1095 | 4.9854 | 0.0006 | 0.2006 | 24.4588 | 4.9061 |
| 33 | 410.1863 | 0.0024 | 2045.9314 | 4.9878 | 0.0005 | 0.2005 | 24.5368 | 4.9194 |
| 34 | 492.2235 | 0.0020 | 2456.1176 | 4.9898 | 0.0004 | 0.2004 | 24.6038 | 4.9308 |
| 35 | 590.6682 | 0.0017 | 2948.3411 | 4.9915 | 0.0003 | 0.2003 | 24.6614 | 4.9406 |
| 40 | 1469.7716 | 0.0007 | 7343.8578 | 4.9966 | 0.0001 | 0.2001 | 24.8469 | 4.9728 |
| 45 | 3657.2620 | 0.0003 | 18281.3099 | 4.9986 | 0.0001 | 0.2001 | 24.9316 | 4.9877 |
| 50 | 9100.4382 | 0.0001 | 45497.1908 | 4.9995 | 0.0000 | 0.2000 | 24.9698 | 4.9945 |
| 55 | 22644.8023 | 0.0000 | 113219.0113 | 4.9998 | 0.0000 | 0.2000 | 24.9868 | 4.9976 |
| 60 | 56347.5144 | 0.0000 | 281732.5718 | 4.9999 | 0.0000 | 0.2000 | 24.9942 | 4.9989 |

| 22% | | | | | | | | 22% |
|-----|----------|--------|-----------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.2200 | 0.8197 | 1.0000 | 0.8197 | 1.0000 | 1.2200 | 0.0000 | 0.0000 |
| 2 | 1.4884 | 0.6719 | 2.2200 | 1.4915 | 0.4505 | 0.6705 | 0.6719 | 0.4505 |
| 3 | 1.8158 | 0.5507 | 3.7084 | 2.0422 | 0.2697 | 0.4897 | 1.7733 | 0.8683 |
| 4 | 2.2153 | 0.4514 | 5.5242 | 2.4936 | 0.1810 | 0.4010 | 3.1275 | 1.2542 |
| 5 | 2.7027 | 0.3700 | 7.7396 | 2.8636 | 0.1292 | 0.3492 | 4.6075 | 1.6090 |
| 6 | 3.2973 | 0.3033 | 10.4423 | 3.1669 | 0.0958 | 0.3158 | 6.1239 | 1.9337 |
| 7 | 4.0227 | 0.2486 | 13.7396 | 3.4155 | 0.0728 | 0.2928 | 7.6154 | 2.2297 |
| 8 | 4.9077 | 0.2038 | 17.7623 | 3.6193 | 0.0563 | 0.2763 | 9.0417 | 2.4982 |
| 9 | 5.9874 | 0.1670 | 22.6700 | 3.7863 | 0.0441 | 0.2641 | 10.3779 | 2.7409 |
| 10 | 7.3046 | 0.1369 | 28.6574 | 3.9232 | 0.0349 | 0.2549 | 11.6100 | 2.9593 |
| 11 | 8.9117 | 0.1122 | 35.9620 | 4.0354 | 0.0278 | 0.2478 | 12.7321 | 3.1551 |
| 12 | 10.8722 | 0.0920 | 44.8737 | 4.1274 | 0.0223 | 0.2423 | 13.7438 | 3.3299 |
| 13 | 13.2641 | 0.0754 | 55.7459 | 4.2028 | 0.0179 | 0.2379 | 14.6485 | 3.4855 |
| 14 | 16.1822 | 0.0618 | 69.0100 | 4.2646 | 0.0145 | 0.2345 | 15.4519 | 3.6233 |
| 15 | 19.7423 | 0.0507 | 85.1922 | 4.3152 | 0.0117 | 0.2317 | 16.1610 | 3.7451 |
| 16 | 24.0856 | 0.0415 | 104.9345 | 4.3567 | 0.0095 | 0.2295 | 16.7838 | 3.8524 |
| 17 | 29.3844 | 0.0340 | 129.0201 | 4.3908 | 0.0078 | 0.2278 | 17.3283 | 3.9465 |
| 18 | 35.8490 | 0.0279 | 158.4045 | 4.4187 | 0.0063 | 0.2263 | 17.8025 | 4.0289 |
| 19 | 43.7358 | 0.0229 | 194.2535 | 4.4415 | 0.0051 | 0.2251 | 18.2141 | 4.1009 |
| 20 | 53.3576 | 0.0187 | 237.9893 | 4.4603 | 0.0042 | 0.2242 | 18.5702 | 4.1635 |
| 21 | 65.0963 | 0.0154 | 291.3469 | 4.4756 | 0.0034 | 0.2234 | 18.8774 | 4.2178 |
| 22 | 79.4175 | 0.0126 | 356.4432 | 4.4882 | 0.0028 | 0.2228 | 19.1418 | 4.2649 |
| 23 | 96.8894 | 0.0103 | 435.8607 | 4.4985 | 0.0023 | 0.2223 | 19.3689 | 4.3056 |
| 24 | 118.2050 | 0.0085 | 532.7501 | 4.5070 | 0.0019 | 0.2219 | 19.5635 | 4.3407 |
| 25 | 144.2101 | 0.0069 | 650.9551 | 4.5139 | 0.0015 | 0.2215 | 19.7299 | 4.3709 |
| 26 | 175.9364 | 0.0057 | 795.1653 | 4.5196 | 0.0013 | 0.2213 | 19.8720 | 4.3968 |
| 27 | 214.6424 | 0.0047 | 971.1016 | 4.5243 | 0.0010 | 0.2210 | 19.9931 | 4.4191 |
| 28 | 261.8637 | 0.0038 | 1185.7440 | 4.5281 | 0.0008 | 0.2208 | 20.0962 | 4.4381 |
| 29 | 319.4737 | 0.0031 | 1447.6077 | 4.5312 | 0.0007 | 0.2207 | 20.1839 | 4.4544 |
| 30 | 389.7579 | 0.0026 | 1767.0813 | 4.5338 | 0.0006 | 0.2206 | 20.2583 | 4.4683 |

| 25% | | | | | | | | 25% |
|-----|----------|--------|-----------|--------|--------|--------|---------|--------|
| | Tek Ö | deme | | Eşit | Seri | | Aritn | netik |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.2500 | 0.8000 | 1.0000 | 0.8000 | 1.0000 | 1.2500 | 0.0000 | 0.0000 |
| 2 | 1.5625 | 0.6400 | 2.2500 | 1.4400 | 0.4444 | 0.6944 | 0.6400 | 0.4444 |
| 3 | 1.9531 | 0.5120 | 3.8125 | 1.9520 | 0.2623 | 0.5123 | 1.6640 | 0.8525 |
| 4 | 2.4414 | 0.4096 | 5.7656 | 2.3616 | 0.1734 | 0.4234 | 2.8928 | 1.2249 |
| 5 | 3.0518 | 0.3277 | 8.2070 | 2.6893 | 0.1218 | 0.3718 | 4.2035 | 1.5631 |
| 6 | 3.8147 | 0.2621 | 11.2588 | 2.9514 | 0.0888 | 0.3388 | 5.5142 | 1.8683 |
| 7 | 4.7684 | 0.2097 | 15.0735 | 3.1611 | 0.0663 | 0.3163 | 6.7725 | 2.1424 |
| 8 | 5.9605 | 0.1678 | 19.8419 | 3.3289 | 0.0504 | 0.3004 | 7.9469 | 2.3872 |
| 9 | 7.4506 | 0.1342 | 25.8023 | 3.4631 | 0.0388 | 0.2888 | 9.0207 | 2.6048 |
| 10 | 9.3132 | 0.1074 | 33.2529 | 3.5705 | 0.0301 | 0.2801 | 9.9870 | 2.7971 |
| 11 | 11.6415 | 0.0859 | 42.5661 | 3.6564 | 0.0235 | 0.2735 | 10.8460 | 2.9663 |
| 12 | 14.5519 | 0.0687 | 54.2077 | 3.7251 | 0.0184 | 0.2684 | 11.6020 | 3.1145 |
| 13 | 18.1899 | 0.0550 | 68.7596 | 3.7801 | 0.0145 | 0.2645 | 12.2617 | 3.2437 |
| 14 | 22.7374 | 0.0440 | 86.9495 | 3.8241 | 0.0115 | 0.2615 | 12.8334 | 3.3559 |
| 15 | 28.4217 | 0.0352 | 109.6868 | 3.8593 | 0.0091 | 0.2591 | 13.3260 | 3.4530 |
| 16 | 35.5271 | 0.0281 | 138.1085 | 3.8874 | 0.0072 | 0.2572 | 13.7482 | 3.5366 |
| 17 | 44.4089 | 0.0225 | 173.6357 | 3.9099 | 0.0058 | 0.2558 | 14.1085 | 3.6084 |
| 18 | 55.5112 | 0.0180 | 218.0446 | 3.9279 | 0.0046 | 0.2546 | 14.4147 | 3.6698 |
| 19 | 69.3889 | 0.0144 | 273.5558 | 3.9424 | 0.0037 | 0.2537 | 14.6741 | 3.7222 |
| 20 | 86.7362 | 0.0115 | 342.9447 | 3.9539 | 0.0029 | 0.2529 | 14.8932 | 3.7667 |
| 21 | 108.4202 | 0.0092 | 429.6809 | 3.9631 | 0.0023 | 0.2523 | 15.0777 | 3.8045 |
| 22 | 135.5253 | 0.0074 | 538.1011 | 3.9705 | 0.0019 | 0.2519 | 15.2326 | 3.8365 |
| 23 | 169.4066 | 0.0059 | 673.6264 | 3.9764 | 0.0015 | 0.2515 | 15.3625 | 3.8634 |
| 24 | 211.7582 | 0.0047 | 843.0329 | 3.9811 | 0.0012 | 0.2512 | 15.4711 | 3.8861 |
| 25 | 264.6978 | 0.0038 | 1054.7912 | 3.9849 | 0.0009 | 0.2509 | 15.5618 | 3.9052 |
| 26 | 330.8722 | 0.0030 | 1319.4890 | 3.9879 | 0.0008 | 0.2508 | 15.6373 | 3.9212 |
| 27 | 413.5903 | 0.0024 | 1650.3612 | 3.9903 | 0.0006 | 0.2506 | 15.7002 | 3.9346 |
| 28 | 516.9879 | 0.0019 | 2063.9515 | 3.9923 | 0.0005 | 0.2505 | 15.7524 | 3.9457 |
| 29 | 646.2349 | 0.0015 | 2580.9394 | 3.9938 | 0.0004 | 0.2504 | 15.7957 | 3.9551 |
| 30 | 807.7936 | 0.0012 | 3227.1743 | 3.9950 | 0.0003 | 0.2503 | 15.8316 | 3.9628 |

| 30% | | | | | | | | |
|-----|-----------|--------|-----------|--------|--------|--------|-----------|--------|
| | Tek Ödeme | | Eşit Seri | | | | Aritmetik | |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.3000 | 0.7692 | 1.0000 | 0.7692 | 1.0000 | 1.3000 | 0.0000 | 0.0000 |
| 2 | 1.6900 | 0.5917 | 2.3000 | 1.3609 | 0.4348 | 0.7348 | 0.5917 | 0.4348 |
| 3 | 2.1970 | 0.4552 | 3.9900 | 1.8161 | 0.2506 | 0.5506 | 1.5020 | 0.8271 |
| 4 | 2.8561 | 0.3501 | 6.1870 | 2.1662 | 0.1616 | 0.4616 | 2.5524 | 1.1783 |
| 5 | 3.7129 | 0.2693 | 9.0431 | 2.4356 | 0.1106 | 0.4106 | 3.6297 | 1.4903 |
| 6 | 4.8268 | 0.2072 | 12.7560 | 2.6427 | 0.0784 | 0.3784 | 4.6656 | 1.7654 |
| 7 | 6.2749 | 0.1594 | 17.5828 | 2.8021 | 0.0569 | 0.3569 | 5.6218 | 2.0063 |
| 8 | 8.1573 | 0.1226 | 23.8577 | 2.9247 | 0.0419 | 0.3419 | 6.4800 | 2.2156 |
| 9 | 10.6045 | 0.0943 | 32.0150 | 3.0190 | 0.0312 | 0.3312 | 7.2343 | 2.3963 |
| 10 | 13.7858 | 0.0725 | 42.6195 | 3.0915 | 0.0235 | 0.3235 | 7.8872 | 2.5512 |
| 11 | 17.9216 | 0.0558 | 56.4053 | 3.1473 | 0.0177 | 0.3177 | 8.4452 | 2.6833 |
| 12 | 23.2981 | 0.0429 | 74.3270 | 3.1903 | 0.0135 | 0.3135 | 8.9173 | 2.7952 |
| 13 | 30.2875 | 0.0330 | 97.6250 | 3.2233 | 0.0102 | 0.3102 | 9.3135 | 2.8895 |
| 14 | 39.3738 | 0.0254 | 127.9125 | 3.2487 | 0.0078 | 0.3078 | 9.6437 | 2.9685 |
| 15 | 51.1859 | 0.0195 | 167.2863 | 3.2682 | 0.0060 | 0.3060 | 9.9172 | 3.0344 |
| 16 | 66.5417 | 0.0150 | 218.4722 | 3.2832 | 0.0046 | 0.3046 | 10.1426 | 3.0892 |
| 17 | 86.5042 | 0.0116 | 285.0139 | 3.2948 | 0.0035 | 0.3035 | 10.3276 | 3.1345 |
| 18 | 112.4554 | 0.0089 | 371.5180 | 3.3037 | 0.0027 | 0.3027 | 10.4788 | 3.1718 |
| 19 | 146.1920 | 0.0068 | 483.9734 | 3.3105 | 0.0021 | 0.3021 | 10.6019 | 3.2025 |
| 20 | 190.0496 | 0.0053 | 630.1655 | 3.3158 | 0.0016 | 0.3016 | 10.7019 | 3.2275 |
| 21 | 247.0645 | 0.0040 | 820.2151 | 3.3198 | 0.0012 | 0.3012 | 10.7828 | 3.2480 |
| 22 | 321.1839 | 0.0031 | 1067.2796 | 3.3230 | 0.0009 | 0.3009 | 10.8482 | 3.2646 |
| 23 | 417.5391 | 0.0024 | 1388.4635 | 3.3254 | 0.0007 | 0.3007 | 10.9009 | 3.2781 |
| 24 | 542.8008 | 0.0018 | 1806.0026 | 3.3272 | 0.0006 | 0.3006 | 10.9433 | 3.2890 |
| 25 | 705.6410 | 0.0014 | 2348.8033 | 3.3286 | 0.0004 | 0.3004 | 10.9773 | 3.2979 |
| 26 | 917.3333 | 0.0011 | 3054.4443 | 3.3297 | 0.0003 | 0.3003 | 11.0045 | 3.3050 |
| 27 | 1192.5333 | 0.0008 | 3971.7776 | 3.3305 | 0.0003 | 0.3003 | 11.0263 | 3.3107 |
| 28 | 1550.2933 | 0.0006 | 5164.3109 | 3.3312 | 0.0002 | 0.3002 | 11.0437 | 3.3153 |
| 29 | 2015.3813 | 0.0005 | 6714.6042 | 3.3317 | 0.0001 | 0.3001 | 11.0576 | 3.3189 |
| 30 | 2619.9956 | 0.0004 | 8729.9855 | 3.3321 | 0.0001 | 0.3001 | 11.0687 | 3.3219 |

| 40% | | | | | | | | |
|------|------------|--------|------------|--------|--------|--------|-----------|--------|
| 4070 | | | | | | | | |
| | Tek Ödeme | | Eşit Seri | | | | Aritmetik | |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.4000 | 0.7143 | 1.0000 | 0.7143 | 1.0000 | 1.4000 | 0.0000 | 0.0000 |
| 2 | 1.9600 | 0.5102 | 2.4000 | 1.2245 | 0.4167 | 0.8167 | 0.5102 | 0.4167 |
| 3 | 2.7440 | 0.3644 | 4.3600 | 1.5889 | 0.2294 | 0.6294 | 1.2391 | 0.7798 |
| 4 | 3.8416 | 0.2603 | 7.1040 | 1.8492 | 0.1408 | 0.5408 | 2.0200 | 1.0923 |
| 5 | 5.3782 | 0.1859 | 10.9456 | 2.0352 | 0.0914 | 0.4914 | 2.7637 | 1.3580 |
| 6 | 7.5295 | 0.1328 | 16.3238 | 2.1680 | 0.0613 | 0.4613 | 3.4278 | 1.5811 |
| 7 | 10.5414 | 0.0949 | 23.8534 | 2.2628 | 0.0419 | 0.4419 | 3.9970 | 1.7664 |
| 8 | 14.7579 | 0.0678 | 34.3947 | 2.3306 | 0.0291 | 0.4291 | 4.4713 | 1.9185 |
| 9 | 20.6610 | 0.0484 | 49.1526 | 2.3790 | 0.0203 | 0.4203 | 4.8585 | 2.0422 |
| 10 | 28.9255 | 0.0346 | 69.8137 | 2.4136 | 0.0143 | 0.4143 | 5.1696 | 2.1419 |
| 11 | 40.4957 | 0.0247 | 98.7391 | 2.4383 | 0.0101 | 0.4101 | 5.4166 | 2.2215 |
| 12 | 56.6939 | 0.0176 | 139.2348 | 2.4559 | 0.0072 | 0.4072 | 5.6106 | 2.2845 |
| 13 | 79.3715 | 0.0126 | 195.9287 | 2.4685 | 0.0051 | 0.4051 | 5.7618 | 2.3341 |
| 14 | 111.1201 | 0.0090 | 275.3002 | 2.4775 | 0.0036 | 0.4036 | 5.8788 | 2.3729 |
| 15 | 155.5681 | 0.0064 | 386.4202 | 2.4839 | 0.0026 | 0.4026 | 5.9688 | 2.4030 |
| 16 | 217.7953 | 0.0046 | 541.9883 | 2.4885 | 0.0018 | 0.4018 | 6.0376 | 2.4262 |
| 17 | 304.9135 | 0.0033 | 759.7837 | 2.4918 | 0.0013 | 0.4013 | 6.0901 | 2.4441 |
| 18 | 426.8789 | 0.0023 | 1064.6971 | 2.4941 | 0.0009 | 0.4009 | 6.1299 | 2.4577 |
| 19 | 597.6304 | 0.0017 | 1491.5760 | 2.4958 | 0.0007 | 0.4007 | 6.1601 | 2.4682 |
| 20 | 836.6826 | 0.0012 | 2089.2064 | 2.4970 | 0.0005 | 0.4005 | 6.1828 | 2.4761 |
| 21 | 1171.3556 | 0.0009 | 2925.8889 | 2.4979 | 0.0003 | 0.4003 | 6.1998 | 2.4821 |
| 22 | 1639.8978 | 0.0006 | 4097.2445 | 2.4985 | 0.0002 | 0.4002 | 6.2127 | 2.4866 |
| 23 | 2295.8569 | 0.0004 | 5737.1423 | 2.4989 | 0.0002 | 0.4002 | 6.2222 | 2.4900 |
| 24 | 3214.1997 | 0.0003 | 8032.9993 | 2.4992 | 0.0001 | 0.4001 | 6.2294 | 2.4925 |
| 25 | 4499.8796 | 0.0002 | 11247.1990 | 2.4994 | 0.0001 | 0.4001 | 6.2347 | 2.4944 |
| 26 | 6299.8314 | 0.0002 | 15747.0785 | 2.4996 | 0.0001 | 0.4001 | 6.2387 | 2.4959 |
| 27 | 8819.7640 | 0.0001 | 22046.9099 | 2.4997 | 0.0000 | 0.4000 | 6.2416 | 2.4969 |
| 28 | 12347.6696 | 0.0001 | 30866.6739 | 2.4998 | 0.0000 | 0.4000 | 6.2438 | 2.4977 |
| 29 | 17286.7374 | 0.0001 | 43214.3435 | 2.4999 | 0.0000 | 0.4000 | 6.2454 | 2.4983 |
| 30 | 24201.4324 | 0.0000 | 60501.0809 | 2.4999 | 0.0000 | 0.4000 | 6.2466 | 2.4988 |

| 50% | | | | | | | | |
|-----|-------------|--------|-------------|--------|--------|--------|-----------|--------|
| | Tek Ödeme | | Eşit Seri | | | | Aritmetik | |
| n | F/P | P/F | F/A | P/A | A/F | A/P | P/G | A/G |
| 1 | 1.5000 | 0.6667 | 1.0000 | 0.6667 | 1.0000 | 1.5000 | 0.0000 | 0.0000 |
| 2 | 2.2500 | 0.4444 | 2.5000 | 1.1111 | 0.4000 | 0.9000 | 0.4444 | 0.4000 |
| 3 | 3.3750 | 0.2963 | 4.7500 | 1.4074 | 0.2105 | 0.7105 | 1.0370 | 0.7368 |
| 4 | 5.0625 | 0.1975 | 8.1250 | 1.6049 | 0.1231 | 0.6231 | 1.6296 | 1.0154 |
| 5 | 7.5938 | 0.1317 | 13.1875 | 1.7366 | 0.0758 | 0.5758 | 2.1564 | 1.2417 |
| 6 | 11.3906 | 0.0878 | 20.7813 | 1.8244 | 0.0481 | 0.5481 | 2.5953 | 1.4226 |
| 7 | 17.0859 | 0.0585 | 32.1719 | 1.8829 | 0.0311 | 0.5311 | 2.9465 | 1.5648 |
| 8 | 25.6289 | 0.0390 | 49.2578 | 1.9220 | 0.0203 | 0.5203 | 3.2196 | 1.6752 |
| 9 | 38.4434 | 0.0260 | 74.8867 | 1.9480 | 0.0134 | 0.5134 | 3.4277 | 1.7596 |
| 10 | 57.6650 | 0.0173 | 113.3301 | 1.9653 | 0.0088 | 0.5088 | 3.5838 | 1.8235 |
| 11 | 86.4976 | 0.0116 | 170.9951 | 1.9769 | 0.0058 | 0.5058 | 3.6994 | 1.8713 |
| 12 | 129.7463 | 0.0077 | 257.4927 | 1.9846 | 0.0039 | 0.5039 | 3.7842 | 1.9068 |
| 13 | 194.6195 | 0.0051 | 387.2390 | 1.9897 | 0.0026 | 0.5026 | 3.8459 | 1.9329 |
| 14 | 291.9293 | 0.0034 | 581.8585 | 1.9931 | 0.0017 | 0.5017 | 3.8904 | 1.9519 |
| 15 | 437.8939 | 0.0023 | 873.7878 | 1.9954 | 0.0011 | 0.5011 | 3.9224 | 1.9657 |
| 16 | 656.8408 | 0.0015 | 1311.6817 | 1.9970 | 0.0008 | 0.5008 | 3.9452 | 1.9756 |
| 17 | 985.2613 | 0.0010 | 1968.5225 | 1.9980 | 0.0005 | 0.5005 | 3.9614 | 1.9827 |
| 18 | 1477.8919 | 0.0007 | 2953.7838 | 1.9986 | 0.0003 | 0.5003 | 3.9729 | 1.9878 |
| 19 | 2216.8378 | 0.0005 | 4431.6756 | 1.9991 | 0.0002 | 0.5002 | 3.9811 | 1.9914 |
| 20 | 3325.2567 | 0.0003 | 6648.5135 | 1.9994 | 0.0002 | 0.5002 | 3.9868 | 1.9940 |
| 21 | 4987.8851 | 0.0002 | 9973.7702 | 1.9996 | 0.0001 | 0.5001 | 3.9908 | 1.9958 |
| 22 | 7481.8276 | 0.0001 | 14961.6553 | 1.9997 | 0.0001 | 0.5001 | 3.9936 | 1.9971 |
| 23 | 11222.7415 | 0.0001 | 22443.4829 | 1.9998 | 0.0000 | 0.5000 | 3.9955 | 1.9980 |
| 24 | 16834.1122 | 0.0001 | 33666.2244 | 1.9999 | 0.0000 | 0.5000 | 3.9969 | 1.9986 |
| 25 | 25251.1683 | 0.0000 | 50500.3366 | 1.9999 | 0.0000 | 0.5000 | 3.9979 | 1.9990 |
| 26 | 37876.7524 | 0.0000 | 75751.5049 | 1.9999 | 0.0000 | 0.5000 | 3.9985 | 1.9993 |
| 27 | 56815.1287 | 0.0000 | 113628.2573 | 2.0000 | 0.0000 | 0.5000 | 3.9990 | 1.9995 |
| 28 | 85222.6930 | 0.0000 | 170443.3860 | 2.0000 | 0.0000 | 0.5000 | 3.9993 | 1.9997 |
| 29 | 127834.0395 | 0.0000 | 255666.0790 | 2.0000 | 0.0000 | 0.5000 | 3.9995 | 1.9998 |
| 30 | 191751.0592 | 0.0000 | 383500.1185 | 2.0000 | 0.0000 | 0.5000 | 3.9997 | 1.9998 |