Soroban Technology Lab

# Cálculo mental Dan  Cálculo mental: multiplicação / Cálculo mental: divisão  (tempo: 6 min)

| N.º | | Nome | |
|---|---|---|---|
| Data | | Pontos | |

## Cálculo mental: multiplicação  (tempo: 3 min)

(Atenção) Truncar para 3 casas decimais

| | | | |
|---|---|---|---|
| 1 | 23 × 26 = | 21 | 7,400 × 49 = |
| 2 | 69 × 62 = | 22 | 4.2 × 5,832 = |
| 3 | 34 × 85 = | 23 | 199 × 963 = |
| 4 | 18 × 19 = | 24 | 0.037 × 0.758 = |
| 5 | 67 × 33 = | 25 | 23 × 1,916 = |
| 6 | 51 × 71 = | 26 | 855 × 644 = |
| 7 | 46 × 57 = | 27 | 0.176 × 2.75 = |
| 8 | 7.2 × 7.4 = | 28 | 9,364 × 81 = |
| 9 | 89 × 48 = | 29 | 521 × 200 = |
| 10 | 95 × 0.91 = | 30 | 688 × 0.037 = |
| 11 | 12 × 129 = | 31 | 8,583 × 267 = |
| 12 | 89.5 × 0.43 = | 32 | 3,621 × 933 = |
| 13 | 36 × 961 = | 33 | 0.049 × 0.8409 = |
| 14 | 4.1 × 0.706 = | 34 | 916 × 4,800 = |
| 15 | 603 × 57 = | 35 | 5,904 × 7.98 = |
| 16 | 350 × 25 = | 36 | 67,392 × 354 = |
| 17 | 0.59 × 30.8 = | 37 | 41.37 × 612.5 = |
| 18 | 778 × 84 = | 38 | 770 × 52,151 = |
| 19 | 24 × 480 = | 39 | 2,658 × 0.0172 = |
| 20 | 0.917 × 0.62 = | 40 | 1,405 × 8,476 = |

## Cálculo mental: divisão  (tempo: 3 min)

(Atenção) Truncar para 3 casas decimais

| | | | |
|---|---|---|---|
| 1 | 552 ÷ 24 = | 21 | 651,700 ÷ 686 = |
| 2 | 528 ÷ 12 = | 22 | 69,142.5 ÷ 9,219 = |
| 3 | 4,940 ÷ 65 = | 23 | 768,123 ÷ 87 = |
| 4 | 3,648 ÷ 76 = | 24 | 51.137 ÷ 793 = |
| 5 | 7,905 ÷ 93 = | 25 | 90,984 ÷ 204 = |
| 6 | 3,977 ÷ 41 = | 26 | 33,990 ÷ 1,545 = |
| 7 | 2,294 ÷ 37 = | 27 | 189,810 ÷ 570 = |
| 8 | 347.1 ÷ 8.9 = | 28 | 0.03827 ÷ 0.048 = |
| 9 | 952 ÷ 56 = | 29 | 155,341 ÷ 31 = |
| 10 | 0.1938 ÷ 0.38 = | 30 | 10.6176 ÷ 6.32 = |
| 11 | 10,208 ÷ 638 = | 31 | 2,678,100 ÷ 300 = |
| 12 | 1.3576 ÷ 1.5 = | 32 | 133,873.3 ÷ 187 = |
| 13 | 11,600 ÷ 29 = | 33 | 196.445 ÷ 9,174 = |
| 14 | 624.64 ÷ 976 = | 34 | 4,308,848 ÷ 7,586 = |
| 15 | 24,750 ÷ 750 = | 35 | 2,454,579 ÷ 263 = |
| 16 | 11,521 ÷ 41 = | 36 | 70,945,745 ÷ 8,021 = |
| 17 | 270.16 ÷ 30.7 = | 37 | 36,621,594 ÷ 549 = |
| 18 | 37,008 ÷ 514 = | 38 | 23,411,640 ÷ 4,935 = |
| 19 | 50,508 ÷ 92 = | 39 | 15.57742 ÷ 15.42 = |
| 20 | 0.22183 ÷ 0.83 = | 40 | 26.37376 ÷ 0.06728 = |

Soroban Technology Lab

Cálculo mental Dan  Cálculo mental: somas  (tempo: 3 min)

| N.º | | Nome | |
|---|---|---|---|
| Data | | Pontos | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 930 | 270 | 641 | 160 | 938 | 598 | 461 | 734 | 728 | 9,350 | 7,203 | 2,746 | 716 | 3,154 | 194 |
| 758 | 604 | 503 | 487 | −356 | 703 | 958 | 283 | 9,413 | −648 | 9,486 | 3,218 | 4,205 | 790 | 7,253 |
| 691 | 426 | 864 | 716 | 674 | 341 | 295 | 509 | 231 | −973 | 724 | −567 | 2,670 | 829 | 421 |
| 302 | 387 | 719 | 805 | −219 | −920 | 740 | −672 | 4,879 | 824 | 635 | 180 | 843 | −503 | 985 |
| 547 | 951 | 250 | 239 | 805 | −685 | 136 | −148 | 605 | 1,065 | 810 | −493 | 159 | −1,467 | 3,706 |
| | | | | | | | | | | | | | | |

| 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 981 | 8,137 | 7,286 | 6,073 | 846 | 8,056 | 509 | 3,480 | 9,460 | 1,520 | 5,061 | 957 | 746 | 8,573 |
| 4,035 | 560 | −1,309 | 245 | 205 | −394 | 1,852 | 315 | 917 | 819 | 6,287 | 530 | 6,413 | −716 |
| 762 | 2,493 | 854 | 198 | 731 | 1,207 | 6,473 | 7,962 | −835 | 6,743 | 940 | 7,429 | −872 | 5,039 |
| 896 | 854 | 165 | 4,936 | 5,962 | 782 | 645 | 123 | −2,749 | 7,365 | 3,195 | 318 | 3,905 | 842 |
| 270 | 206 | −732 | 782 | −489 | −960 | 981 | 879 | 308 | 408 | 503 | 3,296 | 628 | −167 |
| 1,453 | 971 | 940 | 510 | −3,170 | 3,145 | 2,730 | 6,504 | 1,526 | 192 | 724 | 4,705 | −4,057 | −9,250 |
| | | | | | | | | | | 618 | 861 | −391 | 384 |
| | | | | | | | | | | | | | |

| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|
| 634 | 427 | 761 | 156 | 287 | 9,572 | 18,956 | 849 | 2,871 | 21,630 | 81,754 |
| 6,273 | 8,501 | 4,280 | 7,204 | 3,016 | 8,043 | 72,863 | 60,578 | 160 | 542 | −63,985 |
| 158 | 632 | 9,035 | 4,865 | 695 | 705 | −409 | 29,134 | 27,549 | 90,387 | 4,028 |
| 7,490 | 389 | 317 | 321 | 5,870 | −169 | −794 | 1,907 | 6,238 | 451 | −371 |
| 3,045 | 4,015 | −648 | 9,087 | 1,324 | 284 | 86,012 | 3,426 | 35,497 | 206 | 59,462 |
| 821 | 7,958 | 3,452 | 1,598 | 509 | 4,637 | 530 | 685 | 10,782 | 3,879 | 5,130 |
| 769 | 763 | −126 | 430 | 2,148 | −358 | 3,647 | 4,391 | 4,915 | 17,065 | 6,249 |
| | 1,240 | −7,809 | 672 | 763 | −1,920 | −29,185 | 87,250 | 306 | 84,923 | −807 |
| | | | | | | | | | | |

# Gabarito  Cálculo mental Dan

## Cálculo mental: multiplicação

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 598 | 9 | 4,272 | 17 | 18.172 | 25 | 44,068 | 33 | 0.041 |
| 2 | 4,278 | 10 | 86.45 | 18 | 65,352 | 26 | 550,620 | 34 | 4,396,800 |
| 3 | 2,890 | 11 | 1,548 | 19 | 11,520 | 27 | 0.484 | 35 | 47,113.92 |
| 4 | 342 | 12 | 38.485 | 20 | 0.568 | 28 | 758,484 | 36 | 23,856,768 |
| 5 | 2,211 | 13 | 34,596 | 21 | 362,600 | 29 | 104,200 | 37 | 25,339.125 |
| 6 | 3,621 | 14 | 2.894 | 22 | 24,494.4 | 30 | 25.456 | 38 | 40,156,270 |
| 7 | 2,622 | 15 | 34,371 | 23 | 191,637 | 31 | 2,291,661 | 39 | 45.717 |
| 8 | 53.28 | 16 | 8,750 | 24 | 0.028 | 32 | 3,378,393 | 40 | 11,908,780 |

## Cálculo mental: divisão

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 23 | 9 | 17 | 17 | 8.8 | 25 | 446 | 33 | 0.021 |
| 2 | 44 | 10 | 0.51 | 18 | 72 | 26 | 22 | 34 | 568 |
| 3 | 76 | 11 | 16 | 19 | 549 | 27 | 333 | 35 | 9,333 |
| 4 | 48 | 12 | 0.905 | 20 | 0.267 | 28 | 0.797 | 36 | 8,845 |
| 5 | 85 | 13 | 400 | 21 | 950 | 29 | 5,011 | 37 | 66,706 |
| 6 | 97 | 14 | 0.64 | 22 | 7.5 | 30 | 1.68 | 38 | 4,744 |
| 7 | 62 | 15 | 33 | 23 | 8,829 | 31 | 8,927 | 39 | 1.010 |
| 8 | 39 | 16 | 281 | 24 | 0.064 | 32 | 715.9 | 40 | 392 |

## Cálculo mental: somas

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3,228 | 9 | 15,856 | 17 | 13,221 | 25 | 17,047 | 33 | 24,333 |
| 2 | 2,638 | 10 | 9,618 | 18 | 7,204 | 26 | 17,328 | 34 | 14,612 |
| 3 | 2,977 | 11 | 18,858 | 19 | 12,744 | 27 | 18,096 | 35 | 20,794 |
| 4 | 2,407 | 12 | 5,084 | 20 | 4,085 | 28 | 6,372 | 36 | 151,620 |
| 5 | 1,842 | 13 | 8,593 | 21 | 11,836 | 29 | 4,705 | 37 | 188,220 |
| 6 | 37 | 14 | 2,803 | 22 | 13,190 | 30 | 19,190 | 38 | 88,318 |
| 7 | 2,590 | 15 | 12,559 | 23 | 19,263 | 31 | 23,925 | 39 | 219,083 |
| 8 | 706 | 16 | 8,397 | 24 | 8,627 | 32 | 9,262 | 40 | 91,460 |