Soroban Technology Lab

# Júnior Multiplicação (tempo: 3 min)

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

(Atenção) 1–15: Arredondar para 3 casas decimais
16–30: Arredondar para ienes inteiros

| | | ○ × |
|---|---|---|
| 1 | 9,866 × 980 = | |
| 2 | 5,519 × 1.61 = | |
| 3 | 0.477 × 0.0394 = | |
| 4 | 7,093 × 846 = | |
| 5 | 0.0475 × 41.2 = | |
| 6 | 1,392 × 0.205 = | |
| 7 | 6,208 × 559 = | |
| 8 | 38,104 × 37 = | |
| 9 | 8,235 × 673 = | |
| 10 | 246.1 × 72.8 = | |
| 11 | 8,019 × 107 = | |
| 12 | 0.0173 × 0.374 = | |
| 13 | 34,908 × 82 = | |
| 14 | 5,426 × 0.235 = | |
| 15 | 763.4 × 5.81 = | |
| 16 | ¥ 6,957 × 459 = | |
| 17 | ¥ 9,625 × 0.016 = | |
| 18 | ¥ 250 × 7.968 = | |
| 19 | ¥ 4,831 × 9.43 = | |
| 20 | ¥ 1,872 × 620 = | |
| 21 | ¥ 204 × 4,408 = | |
| 22 | ¥ 4,707 × 0.067 = | |
| 23 | ¥ 9,230 × 19.2 = | |
| 24 | ¥ 75,816 × 0.75 = | |
| 25 | ¥ 8,443 × 913 = | |
| 26 | ¥ 1,598 × 68.5 = | |
| 27 | ¥ 6,375 × 0.576 = | |
| 28 | ¥ 3,069 × 239 = | |
| 29 | ¥ 8,292 × 824 = | |
| 30 | ¥ 5,611 × 301 = | |

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# Júnior Divisão (tempo: 3 min)

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

(Atenção) 1–15: Arredondar para 3 casas decimais
16–30: Arredondar para ienes inteiros

○ ×

| | | |
|---|---|---|
| 1 | 599,841 ÷ 8,217 = | |
| 2 | 426.474 ÷ 0.774 = | |
| 3 | 454,152 ÷ 596 = | |
| 4 | 51,772 ÷ 43 = | |
| 5 | 4,392.74 ÷ 90.2 = | |
| 6 | 0.015112 ÷ 0.049 = | |
| 7 | 306,280 ÷ 380 = | |
| 8 | 15,691.2 ÷ 168 = | |
| 9 | 68,145 ÷ 231 = | |
| 10 | 4,054.45 ÷ 65.5 = | |
| 11 | 454,116 ÷ 492 = | |
| 12 | 3.0503 ÷ 0.059 = | |
| 13 | 0.165731 ÷ 0.193 = | |
| 14 | 41,947.2 ÷ 971 = | |
| 15 | 209,350 ÷ 530 = | |
| 16 | ¥ 5,102 ÷ 0.84 = | |
| 17 | ¥ 49,446 ÷ 246 = | |
| 18 | ¥ 59,904 ÷ 76.8 = | |
| 19 | ¥ 1,092 ÷ 68.25 = | |
| 20 | ¥ 148,356 ÷ 317 = | |
| 21 | ¥ 374,218 ÷ 962 = | |
| 22 | ¥ 238,871 ÷ 53 = | |
| 23 | ¥ 99 ÷ 0.375 = | |
| 24 | ¥ 14 ÷ 0.016 = | |
| 25 | ¥ 369,759 ÷ 499 = | |
| 26 | ¥ 11,419 ÷ 60.1 = | |
| 27 | ¥ 173,162 ÷ 187 = | |
| 28 | ¥ 120,016 ÷ 2,308 = | |
| 29 | ¥ 46,041 ÷ 74.5 = | |
| 30 | ¥ 250 ÷ 0.824 = | |

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# Júnior Somas (tempo: 3 min)

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

| N.º | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| 1 | ¥ 340,079 | ¥ 348,147 | ¥ 351,495 | ¥ 639,170 | ¥ 375,480 |
| 2 | 581,642 | 956,203 | 673,820 | 488,925 | 569,312 |
| 3 | 869,751 | 200,816 | 190,674 | 562,237 | 892,107 |
| 4 | 302,967 | 955,728 | −206,848 | 186,041 | −107,624 |
| 5 | 231,548 | 619,147 | −792,315 | 593,470 | −948,356 |
| 6 | 128,403 | 393,062 | 463,530 | 716,724 | 615,248 |
| 7 | 617,935 | 178,554 | −148,792 | 305,859 | 790,863 |
| 8 | 970,068 | 729,083 | −209,186 | 844,306 | 129,705 |
| 9 | 453,826 | 401,369 | 985,027 | 921,768 | −284,531 |
| 10 | 795,214 | 862,475 | 534,761 | 250,913 | −436,079 |
| Total | | | | | |

| N.º | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|
| 1 | ¥ 269,534 | ¥ 673,819 | ¥ 591,042 | ¥ 419,278 | ¥ 703,128 |
| 2 | 713,280 | 430,275 | 972,803 | 956,034 | −485,963 |
| 3 | 976,438 | 529,830 | −457,268 | 670,213 | −156,079 |
| 4 | 735,204 | 815,603 | −843,912 | 298,156 | 829,547 |
| 5 | 850,691 | 162,497 | 570,136 | 983,407 | 241,630 |
| 6 | 578,049 | 748,560 | 964,718 | 805,792 | 730,216 |
| 7 | 420,316 | 193,628 | −329,045 | 317,640 | 394,805 |
| 8 | 682,753 | 957,031 | −260,381 | 564,381 | 512,794 |
| 9 | 194,827 | 704,952 | 684,570 | 723,905 | −678,352 |
| 10 | 301,965 | 281,346 | 135,927 | 142,869 | −960,481 |
| Total | | | | | |

| N.º | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|
| 1 | ¥ 317,859 | ¥ 591,352 | ¥ 204,983 | ¥ 971,246 | ¥ 973,464 |
| 2 | 906,023 | 820,746 | 156,317 | 803,785 | 801,520 |
| 3 | 881,674 | 963,480 | 409,852 | 920,197 | −978,153 |
| 4 | 225,190 | −815,072 | 561,074 | 647,542 | −586,321 |
| 5 | 763,745 | −376,491 | 623,927 | 561,853 | 694,702 |
| 6 | 952,931 | 401,683 | 384,860 | 478,920 | 867,498 |
| 7 | 439,068 | −657,924 | 957,103 | 386,001 | 230,514 |
| 8 | 140,526 | −189,305 | 172,599 | 295,663 | 115,279 |
| 9 | 678,802 | 702,869 | 845,606 | 104,719 | −340,086 |
| 10 | 594,317 | 234,157 | 438,721 | 732,584 | −729,635 |
| Total | | | | | |

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Júnior Cálculo mental: multiplicação (tempo: 1 min)

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

| | | ○ × |
|---|---|---|
| 1 | 18 × 39 = | |
| 2 | 29 × 15 = | |
| 3 | 45 × 78 = | |
| 4 | 74 × 64 = | |
| 5 | 57 × 96 = | |
| 6 | 61 × 42 = | |
| 7 | 36 × 89 = | |
| 8 | 83 × 63 = | |
| 9 | 47 × 21 = | |
| 10 | 92 × 57 = | |
| 11 | 87 × 12 = | |
| 12 | 16 × 21 = | |
| 13 | 95 × 36 = | |
| 14 | 78 × 54 = | |
| 15 | 28 × 93 = | |
| 16 | 63 × 65 = | |
| 17 | 32 × 47 = | |
| 18 | 71 × 88 = | |
| 19 | 54 × 79 = | |
| 20 | 49 × 89 = | |
| 21 | 52 × 54 = | |
| 22 | 25 × 35 = | |
| 23 | 38 × 78 = | |
| 24 | 47 × 28 = | |
| 25 | 51 × 61 = | |
| 26 | 19 × 96 = | |
| 27 | 63 × 49 = | |
| 28 | 92 × 32 = | |
| 29 | 74 × 17 = | |
| 30 | 86 × 83 = | |

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Júnior Cálculo mental: divisão (tempo: 1 min)

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

| | | ○ × |
|---|---|---|
| 1 | 2,444 ÷ 47 = | |
| 2 | 2,772 ÷ 63 = | |
| 3 | 7,524 ÷ 99 = | |
| 4 | 663 ÷ 51 = | |
| 5 | 2,730 ÷ 35 = | |
| 6 | 1,520 ÷ 16 = | |
| 7 | 4,524 ÷ 52 = | |
| 8 | 4,828 ÷ 71 = | |
| 9 | 1,848 ÷ 88 = | |
| 10 | 936 ÷ 24 = | |
| 11 | 532 ÷ 38 = | |
| 12 | 2,418 ÷ 93 = | |
| 13 | 1,116 ÷ 36 = | |
| 14 | 4,347 ÷ 69 = | |
| 15 | 504 ÷ 12 = | |
| 16 | 3,888 ÷ 54 = | |
| 17 | 6,958 ÷ 71 = | |
| 18 | 4,165 ÷ 49 = | |
| 19 | 1,809 ÷ 27 = | |
| 20 | 5,015 ÷ 85 = | |
| 21 | 1,479 ÷ 17 = | |
| 22 | 1,702 ÷ 46 = | |
| 23 | 8,099 ÷ 91 = | |
| 24 | 1,932 ÷ 42 = | |
| 25 | 5,035 ÷ 53 = | |
| 26 | 1,176 ÷ 84 = | |
| 27 | 3,876 ÷ 76 = | |
| 28 | 1,820 ÷ 65 = | |
| 29 | 2,088 ÷ 29 = | |
| 30 | 2,394 ÷ 38 = | |

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Júnior Cálculo mental: somas (tempo: 1 min 20 s)

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

| N.º | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| 1 | 789 | 614 | 842 | 347 | 746 |
| 2 | 574 | 439 | 956 | 281 | 571 |
| 3 | 620 | 270 | −201 | 560 | −302 |
| 4 | 193 | 557 | −987 | 454 | −190 |
| 5 | 738 | 109 | 720 | 719 | 924 |
| 6 | 406 | 246 | 315 | 822 | 675 |
| 7 | 245 | 783 | −664 | 306 | 358 |
| 8 | 907 | 461 | −578 | 943 | −280 |
| 9 | 351 | 358 | 429 | 678 | −617 |
| 10 | 862 | 902 | 103 | 105 | 439 |
| Total | | | | | |

| N.º | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|
| 1 | 564 | 184 | 420 | 796 | 981 |
| 2 | 622 | 938 | 187 | 902 | 334 |
| 3 | 798 | 702 | 659 | 418 | 572 |
| 4 | 107 | 845 | 301 | 580 | −650 |
| 5 | 310 | 529 | −242 | 665 | −871 |
| 6 | 856 | 606 | −373 | 349 | 906 |
| 7 | 941 | 711 | 865 | 127 | 425 |
| 8 | 675 | 493 | 904 | 853 | −263 |
| 9 | 489 | 837 | −796 | 204 | −407 |
| 10 | 203 | 250 | −518 | 971 | 198 |
| Total | | | | | |

| N.º | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|
| 1 | 359 | 291 | 836 | 976 | 517 |
| 2 | 210 | 426 | 209 | 312 | 308 |
| 3 | 548 | 780 | 741 | 840 | 629 |
| 4 | 962 | 873 | 205 | 706 | 145 |
| 5 | 685 | 365 | −516 | 864 | −290 |
| 6 | 107 | 912 | −794 | 295 | −448 |
| 7 | 433 | 404 | 983 | 381 | 763 |
| 8 | 704 | 127 | 637 | 607 | 576 |
| 9 | 581 | 538 | −120 | 459 | −932 |
| 10 | 926 | 609 | −458 | 123 | −801 |
| Total | | | | | |

# Gabarito Júnior

## Multiplicação

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 9,668,680 | 7 | 3,470,272 | 13 | 2,862,456 | 19 | ¥45,556 | 25 | ¥7,708,459 |
| 2 | 8,885.59 | 8 | 1,409,848 | 14 | 1,275.11 | 20 | ¥1,160,640 | 26 | ¥109,463 |
| 3 | 0.019 | 9 | 5,542,155 | 15 | 4,435.354 | 21 | ¥899,232 | 27 | ¥3,672 |
| 4 | 6,000,678 | 10 | 17,916.08 | 16 | ¥3,193,263 | 22 | ¥315 | 28 | ¥733,491 |
| 5 | 1.957 | 11 | 858,033 | 17 | ¥154 | 23 | ¥177,216 | 29 | ¥6,832,608 |
| 6 | 285.36 | 12 | 0.006 | 18 | ¥1,992 | 24 | ¥56,862 | 30 | ¥1,688,911 |

## Divisão

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 73 | 7 | 806 | 13 | 0.859 | 19 | ¥16 | 25 | ¥741 |
| 2 | 551 | 8 | 93.4 | 14 | 43.2 | 20 | ¥468 | 26 | ¥190 |
| 3 | 762 | 9 | 295 | 15 | 395 | 21 | ¥389 | 27 | ¥926 |
| 4 | 1,204 | 10 | 61.9 | 16 | ¥6,074 | 22 | ¥4,507 | 28 | ¥52 |
| 5 | 48.7 | 11 | 923 | 17 | ¥201 | 23 | ¥264 | 29 | ¥618 |
| 6 | 0.308 | 12 | 51.7 | 18 | ¥780 | 24 | ¥875 | 30 | ¥303 |

## Somas

| | | | | | |
|---|---|---|---|---|---|
| 1 | ¥5,291,433 | 6 | ¥5,723,057 | 11 | ¥5,900,135 |
| 2 | ¥5,644,584 | 7 | ¥5,497,541 | 12 | ¥1,675,495 |
| 3 | ¥1,842,166 | 8 | ¥2,028,590 | 13 | ¥4,755,042 |
| 4 | ¥5,509,413 | 9 | ¥5,881,675 | 14 | ¥5,902,510 |
| 5 | ¥1,596,125 | 10 | ¥1,131,245 | 15 | ¥1,048,782 |

## Cálculo mental: multiplicação

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 702 | 7 | 3,204 | 13 | 3,420 | 19 | 4,266 | 25 | 3,111 |
| 2 | 435 | 8 | 5,229 | 14 | 4,212 | 20 | 4,361 | 26 | 1,824 |
| 3 | 3,510 | 9 | 987 | 15 | 2,604 | 21 | 2,808 | 27 | 3,087 |
| 4 | 4,736 | 10 | 5,244 | 16 | 4,095 | 22 | 875 | 28 | 2,944 |
| 5 | 5,472 | 11 | 1,044 | 17 | 1,504 | 23 | 2,964 | 29 | 1,258 |
| 6 | 2,562 | 12 | 336 | 18 | 6,248 | 24 | 1,316 | 30 | 7,138 |

## Cálculo mental: divisão

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 52 | 7 | 87 | 13 | 31 | 19 | 67 | 25 | 95 |
| 2 | 44 | 8 | 68 | 14 | 63 | 20 | 59 | 26 | 14 |
| 3 | 76 | 9 | 21 | 15 | 42 | 21 | 87 | 27 | 51 |
| 4 | 13 | 10 | 39 | 16 | 72 | 22 | 37 | 28 | 28 |
| 5 | 78 | 11 | 14 | 17 | 98 | 23 | 89 | 29 | 72 |
| 6 | 95 | 12 | 26 | 18 | 85 | 24 | 46 | 30 | 63 |

## Cálculo mental: somas

| | | | | | |
|---|---|---|---|---|---|
| 1 | 5,685 | 6 | 5,565 | 11 | 5,515 |
| 2 | 4,739 | 7 | 6,095 | 12 | 5,325 |
| 3 | 935 | 8 | 1,407 | 13 | 1,723 |
| 4 | 5,215 | 9 | 5,865 | 14 | 5,563 |
| 5 | 2,324 | 10 | 1,225 | 15 | 467 |