Soroban Technology Lab

Concurso Nacional de Soroban do Japão

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

| 5 pontos × | Respostas corretas | | = Pontos | |
|---|---|---|---|---|

## ① Multiplicação (tempo: 10 min)

| No. | | ○ × |
|---|---|---|
| 1 | 89 × 5 = | |
| 2 | 63 × 3 = | |
| 3 | 47 × 2 = | |
| 4 | 36 × 6 = | |
| 5 | 78 × 9 = | |
| 6 | 915 × 4 = | |
| 7 | 261 × 3 = | |
| 8 | 150 × 9 = | |
| 9 | 404 × 8 = | |
| 10 | 592 × 7 = | |
| 11 | 36 × 93 = | |
| 12 | 64 × 78 = | |
| 13 | 85 × 66 = | |
| 14 | 72 × 27 = | |
| 15 | 19 × 42 = | |
| 16 | 316 × 19 = | |
| 17 | 901 × 67 = | |
| 18 | 280 × 51 = | |
| 19 | 457 × 84 = | |
| 20 | 503 × 75 = | |
| 21 | 775 × 519 = | |
| 22 | 693 × 932 = | |
| 23 | 248 × 353 = | |
| 24 | 104 × 140 = | |
| 25 | 832 × 826 = | |
| 26 | 4,673 × 228 = | |
| 27 | 1,420 × 609 = | |
| 28 | 5,089 × 258 = | |
| 29 | 6,997 × 967 = | |
| 30 | 3,801 × 401 = | |

| No. | | ○ × |
|---|---|---|
| 31 | 6,708 × 1,043 = | |
| 32 | 8,672 × 7,370 = | |
| 33 | 2,055 × 5,957 = | |
| 34 | 1,983 × 6,149 = | |
| 35 | 3,184 × 4,231 = | |
| 36 | 45,066 × 5,569 = | |
| 37 | 52,137 × 8,602 = | |
| 38 | 30,219 × 2,278 = | |
| 39 | 24,931 × 9,304 = | |
| 40 | 99,730 × 1,803 = | |
| 41 | 79,345 × 21,841 = | |
| 42 | 55,028 × 79,354 = | |
| 43 | 72,019 × 89,758 = | |
| 44 | 91,644 × 70,183 = | |
| 45 | 88,792 × 64,325 = | |
| 46 | 65,247 × 46,022 = | |
| 47 | 12,706 × 36,970 = | |
| 48 | 43,168 × 91,876 = | |
| 49 | 34,610 × 19,027 = | |
| 50 | 65,073 × 47,535 = | |
| 51 | 897,482 × 21,548 = | |
| 52 | 359,284 × 43,793 = | |
| 53 | 812,509 × 96,401 = | |
| 54 | 431,685 × 35,106 = | |
| 55 | 953,086 × 61,689 = | |
| 56 | 246,980 × 74,087 = | |
| 57 | 632,687 × 89,265 = | |
| 58 | 141,023 × 30,252 = | |
| 59 | 510,798 × 53,014 = | |
| 60 | 779,051 × 19,640 = | |

Soroban Technology Lab

Concurso Nacional de Soroban do Japão

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

| 5 pontos × | Respostas corretas | | = Pontos | |
|---|---|---|---|---|

## ② Divisão (tempo: 10 min)

| No. | | ○ × |
|---|---|---|
| 1 | 58 ÷ 2 = | |
| 2 | 378 ÷ 7 = | |
| 3 | 256 ÷ 8 = | |
| 4 | 582 ÷ 6 = | |
| 5 | 144 ÷ 9 = | |
| 6 | 849 ÷ 3 = | |
| 7 | 3,540 ÷ 5 = | |
| 8 | 3,324 ÷ 4 = | |
| 9 | 3,800 ÷ 8 = | |
| 10 | 4,140 ÷ 6 = | |
| 11 | 4,558 ÷ 53 = | |
| 12 | 936 ÷ 12 = | |
| 13 | 1,215 ÷ 45 = | |
| 14 | 5,238 ÷ 97 = | |
| 15 | 3,408 ÷ 48 = | |
| 16 | 10,557 ÷ 51 = | |
| 17 | 13,920 ÷ 29 = | |
| 18 | 53,056 ÷ 64 = | |
| 19 | 44,196 ÷ 58 = | |
| 20 | 54,524 ÷ 86 = | |
| 21 | 130,508 ÷ 316 = | |
| 22 | 281,960 ÷ 760 = | |
| 23 | 70,612 ÷ 127 = | |
| 24 | 702,592 ÷ 704 = | |
| 25 | 97,860 ÷ 932 = | |
| 26 | 744,950 ÷ 235 = | |
| 27 | 7,643,776 ÷ 898 = | |
| 28 | 848,610 ÷ 630 = | |
| 29 | 5,969,112 ÷ 904 = | |
| 30 | 3,687,459 ÷ 471 = | |

| No. | | ○ × |
|---|---|---|
| 31 | 21,345,636 ÷ 3,809 = | |
| 32 | 24,586,020 ÷ 8,973 = | |
| 33 | 21,398,234 ÷ 6,506 = | |
| 34 | 1,312,794 ÷ 1,242 = | |
| 35 | 32,966,895 ÷ 7,501 = | |
| 36 | 201,108,504 ÷ 9,384 = | |
| 37 | 685,083,932 ÷ 7,166 = | |
| 38 | 339,318,560 ÷ 4,495 = | |
| 39 | 572,999,576 ÷ 5,801 = | |
| 40 | 181,942,285 ÷ 2,273 = | |
| 41 | 3,475,684,688 ÷ 98,161 = | |
| 42 | 2,529,020,624 ÷ 54,704 = | |
| 43 | 3,146,055,185 ÷ 31,805 = | |
| 44 | 4,611,068,020 ÷ 68,302 = | |
| 45 | 4,198,898,340 ÷ 75,395 = | |
| 46 | 4,932,229,152 ÷ 61,408 = | |
| 47 | 551,359,692 ÷ 39,507 = | |
| 48 | 2,998,070,160 ÷ 86,340 = | |
| 49 | 159,516,371 ÷ 12,607 = | |
| 50 | 1,173,784,584 ÷ 22,746 = | |
| 51 | 40,617,766,854 ÷ 53,678 = | |
| 52 | 8,456,572,368 ÷ 82,296 = | |
| 53 | 11,275,824,496 ÷ 15,913 = | |
| 54 | 8,568,933,496 ÷ 24,604 = | |
| 55 | 26,442,886,820 ÷ 40,852 = | |
| 56 | 18,284,159,301 ÷ 75,219 = | |
| 57 | 38,021,214,471 ÷ 46,973 = | |
| 58 | 53,215,883,080 ÷ 83,780 = | |
| 59 | 18,831,541,167 ÷ 38,197 = | |
| 60 | 37,548,079,800 ÷ 44,715 = | |

Soroban Technology Lab

Concurso Nacional de Soroban do Japão

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

| 10 pontos × | Respostas corretas | | = Pontos | |
|---|---|---|---|---|

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

| N.º | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 4 | 3 | 8 | 5 | 13 | 5 | 19 | 27 | 38 | 910 | 756 |
| 2 | 4 | 2 | 67 | 75 | 9 | 2 | 92 | 80 | 19 | 15 | 724 | 437 |
| 3 | 7 | 6 | 8 | 1 | 6 | 9 | 4 | 54 | 56 | 70 | 369 | 628 |
| 4 | 1 | 1 | 5 | 6 | 32 | 80 | 63 | 62 | 80 | 96 | 271 | 540 |
| 5 | 5 | 5 | 1 | 4 | 7 | 67 | 70 | 93 | 32 | 82 | 508 | 193 |
| Total | | | | | | | | | | | | |

| N.º | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 841 | 940 | 789 | 558 | 602 | 3,402 | 6,293 | 4,058 | 8,934 | 9,083 |
| 2 | 425 | 728 | 234 | 360 | 321 | 5,141 | 9,948 | 1,899 | 2,695 | 2,371 |
| 3 | −603 | 653 | −601 | 249 | −784 | 9,576 | 5,130 | 5,367 | −5,370 | 6,952 |
| 4 | 179 | 189 | 958 | 750 | 257 | 2,097 | −1,627 | 4,711 | 2,201 | 3,741 |
| 5 | 954 | 392 | 120 | 643 | 581 | 6,838 | 5,480 | 6,802 | 9,678 | 5,680 |
| 6 | −738 | 507 | −597 | 279 | 630 | 3,941 | −7,853 | 3,450 | −7,084 | 1,017 |
| 7 | 260 | 416 | 463 | 861 | −349 | 2,570 | 6,206 | 8,793 | −3,951 | 4,845 |
| 8 | | | | 985 | −160 | 5,614 | −4,019 | 6,627 | 9,446 | 2,393 |
| 9 | | | | 302 | 924 | 7,362 | −2,157 | 9,534 | −5,027 | 8,276 |
| 10 | | | | 714 | −578 | 4,089 | 8,394 | 2,180 | 1,863 | 5,609 |
| Total | | | | | | | | | | |

| N.º | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
|---|---|---|---|---|---|---|---|---|
| 1 | 89,015 | 82,991 | 82,433 | 24,619 | 65,134 | 895,430 | 471,230 | 413,079 |
| 2 | −26,947 | 35,640 | −69,510 | 81,057 | 28,705 | 623,164 | 608,952 | 702,846 |
| 3 | 47,623 | 43,709 | 37,801 | 52,833 | −34,220 | 412,089 | −493,585 | 129,732 |
| 4 | 59,081 | 51,262 | 25,469 | 61,049 | −18,569 | 537,164 | −716,269 | 598,146 |
| 5 | −18,807 | 97,088 | −93,096 | 76,971 | 77,604 | 980,278 | 371,408 | 806,735 |
| 6 | 96,345 | 14,365 | −52,144 | 55,248 | −13,985 | 495,625 | 243,077 | 643,491 |
| 7 | −60,912 | 83,146 | 85,782 | 98,170 | 36,757 | 771,803 | −564,198 | 787,502 |
| 8 | −75,734 | 72,092 | 10,371 | 32,404 | −40,948 | 206,312 | 839,852 | 595,213 |
| 9 | 52,182 | 50,475 | 67,928 | 89,260 | 51,062 | 869,540 | −762,601 | 670,628 |
| 10 | 93,460 | 69,813 | −34,650 | 17,356 | 82,391 | 143,957 | 350,914 | 934,180 |
| Total | | | | | | | | |

Soroban Technology Lab

Concurso Nacional de Soroban do Japão

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

| 10 pontos × | Respostas corretas | | = Pontos | |
|---|---|---|---|---|

## ④ Somas (tempo: 10 min)

| N.º | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|---|
| 1 | 76 | 31 | 11 | 75 | 19 | 295 | 722 |
| 2 | 42 | 80 | 40 | 16 | 85 | 486 | −354 |
| 3 | 39 | 97 | −29 | 97 | 30 | 103 | 106 |
| 4 | 10 | 18 | 50 | 23 | −47 | 250 | 898 |
| 5 | 87 | 69 | 93 | 80 | 62 | 565 | −641 |
| 6 | | 50 | 75 | 63 | 49 | 977 | 337 |
| 7 | | 74 | 86 | 49 | −16 | 114 | −550 |
| 8 | | 23 | −24 | 27 | −58 | 638 | −497 |
| 9 | | | | 81 | 23 | 394 | 206 |
| 10 | | | | 50 | 70 | 802 | 189 |
| Total | | | | | | | |

| N.º | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|
| 1 | 1,123 | 5,047 | 1,280 | 90,226 | 39,905 |
| 2 | 8,574 | 3,681 | 8,593 | 58,451 | 68,224 |
| 3 | 1,490 | −1,292 | 4,775 | 23,897 | 13,481 |
| 4 | 6,058 | 8,583 | 2,409 | 46,071 | 70,765 |
| 5 | 9,273 | 7,409 | 3,861 | −18,264 | 69,904 |
| 6 | 7,069 | −6,694 | 7,956 | 79,503 | 15,823 |
| 7 | 8,245 | 2,517 | 2,304 | −63,877 | 24,370 |
| 8 | 3,417 | 8,703 | 5,841 | 25,915 | 91,659 |
| 9 | 5,831 | −4,135 | 9,018 | −96,140 | 87,538 |
| 10 | 2,609 | −2,960 | 6,723 | −84,302 | 42,016 |
| Total | | | | | |

| N.º | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|
| 1 | 679,380 | 502,615 | 789,345 | 6,883,942 | 9,876,531 |
| 2 | 391,265 | 473,369 | 412,066 | 8,259,103 | 5,760,942 |
| 3 | 883,157 | 804,425 | −508,370 | 1,704,652 | −8,201,354 |
| 4 | −704,629 | 923,517 | 314,962 | 4,165,039 | −2,146,786 |
| 5 | 320,545 | 810,790 | 152,598 | 6,908,547 | 7,998,023 |
| 6 | −219,318 | 374,569 | −237,906 | 7,612,830 | 4,102,535 |
| 7 | 645,007 | 286,051 | 889,714 | 2,754,198 | −9,810,394 |
| 8 | −128,733 | 767,183 | 431,677 | 1,689,353 | 7,625,106 |
| 9 | −567,944 | 958,224 | −125,820 | 3,021,487 | −3,457,480 |
| 10 | 912,806 | 139,406 | −960,453 | 9,570,264 | 6,389,217 |
| Total | | | | | |

Concurso Nacional de Soroban do Japão ④ Somas (tempo: 10 min)

| N.º | 18 | 19 | 20 | 21 | 22 |
|---|---|---|---|---|---|
| 1 | 73,284,061 | 38,072,514 | 47,281,230 | 264,908,327 | 970,165,642 |
| 2 | 82,139,450 | −16,460,975 | 93,092,568 | −120,347,958 | 107,942,868 |
| 3 | 54,304,769 | −20,182,397 | 15,304,784 | 581,669,720 | 361,703,954 |
| 4 | 76,981,325 | 95,413,486 | 57,162,379 | 167,530,984 | 235,495,871 |
| 5 | 82,015,678 | 87,365,902 | 65,241,908 | −290,847,131 | 850,976,203 |
| 6 | 90,763,144 | −63,581,070 | 28,950,374 | −312,465,087 | 296,438,150 |
| 7 | 27,346,589 | 22,956,743 | 10,867,946 | 786,529,354 | 617,852,914 |
| 8 | 15,820,237 | 51,807,439 | 43,629,015 | −402,896,163 | 484,026,793 |
| 9 | 49,658,910 | −79,294,168 | 31,385,427 | 934,071,572 | 529,681,037 |
| 10 | 31,472,605 | 54,638,201 | 72,058,691 | 829,314,605 | 342,510,786 |
| Total | | | | | |

| N.º | 23 | 24 | 25 | 26 |
|---|---|---|---|---|
| 1 | 3,258,617,097 | 3,839,574,621 | 9,820,053,147 | 28,090,615,743 |
| 2 | 7,546,491,302 | 8,457,032,169 | 4,908,516,972 | 75,129,033,864 |
| 3 | 3,107,948,526 | 4,236,895,072 | −2,095,638,713 | 54,291,676,380 |
| 4 | −8,716,093,285 | 9,372,708,516 | 4,723,920,168 | 26,035,984,417 |
| 5 | 6,921,407,358 | 7,094,316,852 | −3,094,568,572 | 84,571,390,692 |
| 6 | −7,580,169,234 | 5,183,792,460 | −5,872,436,061 | 96,205,149,738 |
| 7 | 4,204,836,597 | 2,876,950,143 | 8,431,972,506 | 60,123,817,549 |
| 8 | −2,098,375,146 | 9,704,163,508 | 3,964,753,821 | 91,864,723,058 |
| 9 | −9,642,501,863 | 5,012,819,476 | −6,218,104,795 | 79,452,806,513 |
| 10 | 1,483,172,950 | 6,980,421,335 | 1,649,387,450 | 13,687,592,074 |
| Total | | | | |

| N.º | 27 | 28 | 29 | 30 |
|---|---|---|---|---|
| 1 | 54,276,591,308 | 249,015,086,473 | 813,029,574,615 | 540,281,329,764 |
| 2 | 25,940,714,683 | 592,376,194,208 | 702,381,965,448 | 163,495,107,288 |
| 3 | −81,375,940,962 | 378,400,261,595 | −847,093,627,615 | 600,839,461,725 |
| 4 | −70,986,254,316 | 534,381,796,270 | −623,715,483,950 | 181,770,923,564 |
| 5 | 48,161,372,059 | 870,869,425,153 | 796,484,530,128 | 663,549,871,230 |
| 6 | −12,859,637,407 | 724,935,071,846 | 418,153,626,097 | 381,996,052,347 |
| 7 | 54,612,072,893 | 136,481,529,708 | −957,802,064,123 | 479,315,968,025 |
| 8 | −91,007,248,536 | 401,659,782,639 | 170,469,739,582 | 732,073,415,896 |
| 9 | 36,834,709,125 | 312,798,630,564 | 328,190,245,076 | 924,564,783,102 |
| 10 | 13,528,986,740 | 963,827,845,012 | −539,276,819,304 | 897,208,140,653 |
| Total | | | | |

# Gabarito  Concurso Nacional de Soroban do Japão

## Multiplicação

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 445 | 16 | 6,004 | 31 | 6,996,444 | 46 | 3,002,797,434 |
| 2 | 189 | 17 | 60,367 | 32 | 63,912,640 | 47 | 469,740,820 |
| 3 | 94 | 18 | 14,280 | 33 | 12,241,635 | 48 | 3,966,103,168 |
| 4 | 216 | 19 | 38,388 | 34 | 12,193,467 | 49 | 658,524,470 |
| 5 | 702 | 20 | 37,725 | 35 | 13,471,504 | 50 | 3,093,245,055 |
| 6 | 3,660 | 21 | 402,225 | 36 | 250,972,554 | 51 | 19,338,942,136 |
| 7 | 783 | 22 | 645,876 | 37 | 448,482,474 | 52 | 15,734,124,212 |
| 8 | 1,350 | 23 | 87,544 | 38 | 68,838,882 | 53 | 78,326,680,109 |
| 9 | 3,232 | 24 | 14,560 | 39 | 231,958,024 | 54 | 15,154,733,610 |
| 10 | 4,144 | 25 | 687,232 | 40 | 179,813,190 | 55 | 58,794,922,254 |
| 11 | 3,348 | 26 | 1,065,444 | 41 | 1,732,974,145 | 56 | 18,298,007,260 |
| 12 | 4,992 | 27 | 864,780 | 42 | 4,366,691,912 | 57 | 56,476,805,055 |
| 13 | 5,610 | 28 | 1,312,962 | 43 | 6,464,281,402 | 58 | 4,266,227,796 |
| 14 | 1,944 | 29 | 6,766,099 | 44 | 6,431,850,852 | 59 | 27,079,445,172 |
| 15 | 798 | 30 | 1,524,201 | 45 | 5,711,545,400 | 60 | 15,300,561,640 |

## Divisão

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 29 | 13 | 27 | 25 | 105 | 37 | 95,602 | 49 | 12,653 |
| 2 | 54 | 14 | 54 | 26 | 3,170 | 38 | 75,488 | 50 | 51,604 |
| 3 | 32 | 15 | 71 | 27 | 8,512 | 39 | 98,776 | 51 | 756,693 |
| 4 | 97 | 16 | 207 | 28 | 1,347 | 40 | 80,045 | 52 | 102,758 |
| 5 | 16 | 17 | 480 | 29 | 6,603 | 41 | 35,408 | 53 | 708,592 |
| 6 | 283 | 18 | 829 | 30 | 7,829 | 42 | 46,231 | 54 | 348,274 |
| 7 | 708 | 19 | 762 | 31 | 5,604 | 43 | 98,917 | 55 | 647,285 |
| 8 | 831 | 20 | 634 | 32 | 2,740 | 44 | 67,510 | 56 | 243,079 |
| 9 | 475 | 21 | 413 | 33 | 3,289 | 45 | 55,692 | 57 | 809,427 |
| 10 | 690 | 22 | 371 | 34 | 1,057 | 46 | 80,319 | 58 | 635,186 |
| 11 | 86 | 23 | 556 | 35 | 4,395 | 47 | 13,956 | 59 | 493,011 |
| 12 | 78 | 24 | 998 | 36 | 21,431 | 48 | 34,724 | 60 | 839,720 |

## Cálculo mental: somas

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 20 | 7 | 234 | 13 | 1,318 | 19 | 25,795 | 25 | 60,384 |
| 2 | 18 | 8 | 308 | 14 | 3,825 | 20 | 53,421 | 26 | 588,967 |
| 3 | 84 | 9 | 214 | 15 | 1,366 | 21 | 13,385 | 27 | 233,931 |
| 4 | 94 | 10 | 301 | 16 | 5,701 | 22 | 49,967 | 28 | 5,935,362 |
| 5 | 59 | 11 | 2,782 | 17 | 1,444 | 23 | 255,306 | 29 | 348,780 |
| 6 | 171 | 12 | 2,554 | 18 | 50,630 | 24 | 600,581 | 30 | 6,281,552 |

## Somas

| | | | | | |
|---|---|---|---|---|---|
| 1 | 254 | 11 | 61,480 | 21 | 2,437,468,223 |
| 2 | 442 | 12 | 523,685 | 22 | 4,796,794,218 |
| 3 | 302 | 13 | 2,211,536 | 23 | −1,514,665,698 |
| 4 | 561 | 14 | 6,040,149 | 24 | 62,758,674,152 |
| 5 | 217 | 15 | 1,157,813 | 25 | 16,217,855,923 |
| 6 | 4,624 | 16 | 52,569,415 | 26 | 609,452,790,028 |
| 7 | 416 | 17 | 18,136,340 | 27 | −22,874,634,413 |
| 8 | 53,689 | 18 | 583,786,768 | 28 | 5,164,745,623,468 |
| 9 | 20,859 | 19 | 170,735,675 | 29 | 260,821,685,954 |
| 10 | 52,760 | 20 | 464,974,322 | 30 | 5,565,095,053,594 |