Soroban Technology Lab

Mental Calculation 2 Kyu

| No. | | Name | |
|---|---|---|---|
| Date | | Score | |

Mental Sums (Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

| No. | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| 1 | 280 | 215 | 153 | 483 | 659 |
| 2 | 693 | 564 | 729 | 521 | 105 |
| 3 | 451 | 730 | 614 | 790 | 238 |
| 4 | 702 | 948 | 480 | 306 | 574 |
| 5 | 315 | 601 | 976 | 164 | 812 |
| 6 | 964 | 357 | 831 | 935 | 960 |
| 7 | 827 | 829 | 502 | 872 | 347 |
| Sum | | | | | |

| No. | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|
| 1 | 714 | 986 | 350 | 301 | 524 |
| 2 | 150 | 670 | 749 | 865 | 631 |
| 3 | 698 | 524 | 623 | 719 | 705 |
| 4 | 273 | 138 | 981 | 284 | 198 |
| 5 | 486 | 465 | 807 | 640 | 259 |
| 6 | 502 | 302 | 536 | 957 | 460 |
| 7 | 931 | 719 | 412 | 123 | 873 |
| Sum | | | | | |

| No. | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|
| 1 | 726 | 974 | 568 | 152 | 512 |
| 2 | 532 | 310 | 432 | 743 | 907 |
| 3 | 401 | 286 | 917 | 890 | 835 |
| 4 | 849 | 195 | 306 | 621 | 643 |
| 5 | 285 | 803 | 149 | 906 | 751 |
| 6 | 910 | 652 | 680 | 538 | 489 |
| 7 | 673 | 749 | 275 | 274 | 260 |
| Sum | | | | | |

| No. | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|
| 1 | 569 | 978 | 248 | 365 | 461 |
| 2 | 321 | 219 | 703 | 172 | 809 |
| 3 | 648 | 350 | 865 | 948 | 213 |
| 4 | 705 | 864 | 951 | 603 | 745 |
| 5 | 216 | 792 | 470 | 487 | 198 |
| 6 | 490 | 146 | 639 | 516 | 576 |
| 7 | 873 | 503 | 182 | 290 | 320 |
| Sum | | | | | |

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| No. | | Name | |
|---|---|---|---|
| Date | | Score | |

Mental Multiplication / Mental Division

(Mental Sums, Mental Multiplication and Mental Division: 12 min in total)

Mental Multiplication

| | |
|---|---|
| 21 | 20 × 13 = |
| 22 | 79 × 47 = |
| 23 | 93 × 26 = |
| 24 | 61 × 87 = |
| 25 | 38 × 72 = |
| 26 | 18 × 53 = |
| 27 | 59 × 92 = |
| 28 | 48 × 68 = |
| 29 | 85 × 34 = |
| 30 | 72 × 86 = |
| 31 | 53 × 90 = |
| 32 | 16 × 41 = |
| 33 | 93 × 89 = |
| 34 | 34 × 57 = |
| 35 | 74 × 43 = |
| 36 | 53 × 76 = |
| 37 | 87 × 39 = |
| 38 | 67 × 29 = |
| 39 | 21 × 64 = |
| 40 | 42 × 15 = |
| 41 | 90 × 57 = |
| 42 | 36 × 78 = |
| 43 | 54 × 25 = |
| 44 | 61 × 38 = |
| 45 | 76 × 25 = |
| 46 | 85 × 61 = |
| 47 | 12 × 46 = |
| 48 | 49 × 12 = |
| 49 | 97 × 94 = |
| 50 | 25 × 81 = |

Mental Division

| | |
|---|---|
| 51 | 1,162 ÷ 83 = |
| 52 | 1,274 ÷ 13 = |
| 53 | 1,134 ÷ 27 = |
| 54 | 2,325 ÷ 75 = |
| 55 | 2,240 ÷ 40 = |
| 56 | 2,205 ÷ 63 = |
| 57 | 2,275 ÷ 91 = |
| 58 | 4,050 ÷ 54 = |
| 59 | 2,240 ÷ 35 = |
| 60 | 6,474 ÷ 78 = |
| 61 | 2,522 ÷ 26 = |
| 62 | 1,920 ÷ 40 = |
| 63 | 4,779 ÷ 59 = |
| 64 | 3,906 ÷ 62 = |
| 65 | 4,212 ÷ 78 = |
| 66 | 3,621 ÷ 51 = |
| 67 | 3,456 ÷ 96 = |
| 68 | 1,044 ÷ 36 = |
| 69 | 228 ÷ 12 = |
| 70 | 7,134 ÷ 82 = |
| 71 | 3,484 ÷ 67 = |
| 72 | 5,832 ÷ 81 = |
| 73 | 1,927 ÷ 47 = |
| 74 | 2,842 ÷ 29 = |
| 75 | 1,248 ÷ 39 = |
| 76 | 4,914 ÷ 78 = |
| 77 | 5,220 ÷ 58 = |
| 78 | 1,504 ÷ 94 = |
| 79 | 1,246 ÷ 14 = |
| 80 | 1,755 ÷ 65 = |

# Answers  Mental Calculation 2 Kyu

## Mental Sums

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 1 | 4,232 | 6 | 3,754 | 11 | 4,376 | 16 | 3,822 |
| 2 | 4,244 | 7 | 3,804 | 12 | 3,969 | 17 | 3,852 |
| 3 | 4,285 | 8 | 4,458 | 13 | 3,327 | 18 | 4,058 |
| 4 | 4,071 | 9 | 3,889 | 14 | 4,124 | 19 | 3,381 |
| 5 | 3,695 | 10 | 3,650 | 15 | 4,397 | 20 | 3,322 |

## Mental Multiplication

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 21 | 260 | 27 | 5,428 | 33 | 8,277 | 39 | 1,344 | 45 | 1,900 |
| 22 | 3,713 | 28 | 3,264 | 34 | 1,938 | 40 | 630 | 46 | 5,185 |
| 23 | 2,418 | 29 | 2,890 | 35 | 3,182 | 41 | 5,130 | 47 | 552 |
| 24 | 5,307 | 30 | 6,192 | 36 | 4,028 | 42 | 2,808 | 48 | 588 |
| 25 | 2,736 | 31 | 4,770 | 37 | 3,393 | 43 | 1,350 | 49 | 9,118 |
| 26 | 954 | 32 | 656 | 38 | 1,943 | 44 | 2,318 | 50 | 2,025 |

## Mental Division

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 51 | 14 | 57 | 25 | 63 | 81 | 69 | 19 | 75 | 32 |
| 52 | 98 | 58 | 75 | 64 | 63 | 70 | 87 | 76 | 63 |
| 53 | 42 | 59 | 64 | 65 | 54 | 71 | 52 | 77 | 90 |
| 54 | 31 | 60 | 83 | 66 | 71 | 72 | 72 | 78 | 16 |
| 55 | 56 | 61 | 97 | 67 | 36 | 73 | 41 | 79 | 89 |
| 56 | 35 | 62 | 48 | 68 | 29 | 74 | 98 | 80 | 27 |