Mental

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 59 | 70 | 24 | 48 | 63 | 56 | 88 | 75 | 24 | 64 |
|  |  |  |  |  |  |  |  |  |  |
| 116 | 120 | 145 | 168 | 122 | 99 | 174 | 191 | 61 | 43 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 459 | 257 | 698 | 901 | 372 | 421 | 885 | 711 | 573 | 199 |
| 191 | 688 | 1324 | 955 | 856 | 2723 | 2397 | 1748 | 1375 | 1373 |

Q. Peter uses 203 toothpicks to build a model house. How many toothpicks does he need for 6 model houses?

Answer : 203 X $6=1218$ toothpicks.

| Abacus |  |  |
| :---: | :---: | :---: |
| A | $907 \times 6=$ | 5442 |
| B |  | 980 |
| C |  | 2055 |
| D |  | 1544 |
| E |  | 895 |
| F |  | 5823 |
| G |  | 2788 |
| H |  | 1295 |
| I |  | 2226 |
| J |  |  |


| Abacus |  |  |
| :---: | :---: | :---: |
| A | $4532 \times 2=$ | 9064 |
| B |  | 24575 |
| C |  | 16288 |
| D |  | 6957 |
| E |  | 35130 |
| F |  | 18333 |
| G |  | 10228 |
| H |  | 7399 |
| I |  | 4461 |
| J |  | 16740 |

Abacus

| A | $711 \div 9=$ | 79 |
| :---: | :---: | :---: |
| B |  | 167 |
| C |  | 29 |
| $D$ |  | 17 |
| E |  | 174 |
| F |  | 242 |
| G |  | 97 |
| H |  | 64 |
| I |  | 185 |
| J |  | 49 |


| Abacus |  |  |
| :---: | :---: | :---: |
| A | $4326 \times 7=$ | 30282 |
| B |  | 22792 |
| C |  | 42126 |
| D |  | 7035 |
| E |  | 6760 |
| F |  | 8295 |
| G |  | 30132 |
| H |  | 10184 |
| I |  | 23456 |
| J |  | 42413 |


| Abacus |  |  |
| :---: | :---: | :---: |
| A | $654 \div 2=$ | 327 |
| B |  | 94 |
| C |  | 423 |
| D |  | 92 |
| E |  | 156 |
| F |  | 112 |
| G |  | 82 |
| H |  | 327 |
| I |  | 166 |
| J |  | 247 |

Abacus

| A | $984 \div 6=$ | 164 |
| :---: | :---: | :---: |
| B |  | 175 |
| C |  | 35 |
| D |  | 93 |
| E |  | 297 |
| F |  | 89 |
| G |  | 123 |
| H |  | 83 |
| I |  | 127 |
| J |  | 28 |


| Abacus |  |  | Mental |  |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $8265 \times 8=$ | 66120 | A | $278 \times 9=$ | 2502 | A | $93 \div 3=$ | 31 |
| B |  | 7260 | B |  | 1236 | B |  | 8 |
| C |  | 7396 | C |  | 3846 | C |  | 17 |
| D |  | 72405 | D |  | 759 | D |  | 7 |
| E |  | 19674 | E |  | 612 | E |  | 29 |
| F |  | 4065 | F |  | 2210 | F |  | 41 |
| G |  | 63518 | G |  | 4116 | G |  | 9 |
| H |  | 26052 | H |  | 2792 | H |  | 14 |
| 1 |  | 41105 | 1 |  | 642 | 1 |  | 27 |
| J |  | 24392 | J |  | 4851 | J |  | 18 |


| Abacus |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | B | C | D | E | F | G | H | I | J |  |
| 324 | 486 | 970 | 298 | 846 | 178 | 604 | 439 | 547 | 845 |  |
| 546 | 423 | 677 | 1613 | 891 | 1047 | 986 | 1263 | 1334 | 1421 |  |
| Mental |  |  |  |  |  |  |  |  |  |  |
| A | B | C | D | E | F | G | H | I | J |  |
| 89 | 14 | 47 | 76 | 28 | 67 | 61 | 59 | 77 | 31 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 144 | 124 | 177 | 120 | 128 | 89 | 132 | 113 | 72 | 157 |  |

Q. Monica paints T-Shirts. She paints 7 dots on each T-Shirt. How many dots does she paint on 396 T-Shirts?

Answer: $\quad 396$ X 7 = 2772 dots.

| Abacus |  | Mental |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $7159 \times 8=$ | 57272 | A | $465 \times 4=$ | 1860 | A | $932 \div 4=$ | 233 |
| B |  | 24356 | B |  | 3690 | B |  | 147 |
| C |  | 19848 | C |  | 726 | C |  | 24 |
| D |  | 9370 | D |  | 5463 | D |  | 122 |
| E |  | 7992 | E |  | 5747 | E |  | 98 |
| F |  | 6895 | F |  | 2696 | F |  | 104 |
| G |  | 32396 | G |  | 1494 | G |  | 57 |
| H |  | 45981 | H |  | 624 | H |  | 47 |
| I |  | 38046 | I |  | 536 | I |  | 241 |
| J |  | 10320 | J |  | 4915 | J |  | 219 |

Q. On Ana's road trip, she counted 48 sheep and 132 horses. What was the total number of sheep and horses that Ana counted during her road trip?

Answer: 48 sheep + 132 horses = 180 sheep and horses.


Abacus

| Abacus |  | Mental |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | $7863 \times 4=$ | 31452 | A | $403 \times 4=$ | 2821 |
| B |  | 6042 | B |  | 1197 |
| C |  | 33888 | C |  | 500 |
| D |  | 11595 | D |  | 1355 |
| E |  | 51884 | E |  | 4376 |
| F |  | 34920 | F |  | 5316 |
| G |  | 7960 | G |  | 1089 |
| H |  | 32184 | H |  | 2024 |
| I |  | 3768 | I |  | 1630 |
| J |  | 39380 | J |  | 6657 |

Abacus

| A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: |
| 136 | 462 | 692 | 162 | 298 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 2668 | 694 | 2023 | 878 | 2119 |

Mental

| A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: |
| 28 | 44 | 92 | 11 | 16 |
|  |  |  |  |  |
|  |  |  |  |  |
| 122 | 76 | 137 | 252 | 220 |


| Abacus |
| :--- |
| A B C D E F G H I J <br> 7065 6445 5546 3758 9464 4753 8406 2708 5743 9356 <br> 13399 10667 7647 9118 2346 11062 2178 8617 13502 2646 <br> Mental          <br> A B C D E F G H I J <br> 13 56 48 92 34 24 82 64 76 55 <br>           |


| Mental |  |  | Mental |  |  | Abacus |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $68 \div 4=$ | 17 | A | $720 \div 5=$ | 144 | A | $2135 \div 7=$ | 305 |
| B |  | 9 | B |  | 321 | B |  | 3091 |
| C |  | 15 | C |  | 153 | C |  | 1773 |
| D |  | 37 | D |  | 92 | D |  | 3977 |
| E |  | 29 | E |  | 72 | E |  | 612 |
| F |  | 4 | F |  | 216 | F |  | 1052 |
| G |  | 12 | G |  | 436 | G |  | 1240 |
| H |  | 6 | H |  | 73 | H |  | 3131 |
| 1 |  | 16 | I |  | 149 | I |  | 817 |
| J |  | 23 | J |  | 247 | J |  | 2446 |

10

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3740 | 7696 | 1134 | 9584 | 7293 | 1658 | 6764 | 8448 | 5675 | 4359 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 613 | 8184 | 5232 | 12108 | 9546 | 2640 | 580 | 2106 | 11597 | 8597 |

Mental

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 49 | 24 | 54 | 84 | 63 | 86 | 19 | 94 | 62 | 47 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 122 | 60 | 158 | 81 | 138 | 97 | 28 | 86 | 130 | 101 |


| Mental |  |  | Abacus |  |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $342 \div 9=$ | 38 | A | $6552 \div 9=$ | 728 | A | $106 \times 6=$ | 636 |
| B |  | 73 | B |  | 1721 | B |  | 856 |
| C |  | 93 | C |  | 638 | C |  | 4770 |
| D |  | 65 | D |  | 417 | D |  | 6138 |
| E |  | 118 | E |  | 1009 | E |  | 6712 |
| F |  | 342 | F |  | 2946 | F |  | 3255 |
| G |  | 69 | G |  | 908 | G |  | 1164 |
| H |  | 72 | H |  | 593 | H |  | 1710 |
| I |  | 109 | I |  | 1922 | I |  | 4278 |
| J |  | 275 | J |  | 3152 | J |  | 3235 |


| Mental Mental |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $708 \times 9=$ | 6372 | A | $488 \times 4=$ | 1952 | A | $935 \div 5=$ | 187 |
| B |  | 830 | B |  | 2575 | B |  | 64 |
| C |  | 2112 | C |  | 774 | C |  | 239 |
| D |  | 342 | D |  | 6057 | D |  | 41 |
| E |  | 4608 | E |  | 2432 | E |  | 157 |
| F |  | 6594 | F |  | 434 | F |  | 72 |
| G |  | 1334 | H |  | 2790 | G |  | 423 |
| H |  | 942 | I |  | 1358 | H |  | 74 |
| I |  | 3552 | J |  | 789 | I |  | 56 |
| J |  |  | 4230 | J |  | 295 |  |  |


|  | Abacus |  |  |  | Abacus |  |  |  | Abacus |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $5705 \times 2=$ | 11410 |  | A | $4716 \div 6=$ | 786 |  | A | $4235 \times 7=$ | 29645 |
| B |  | 19536 |  | B |  | 2949 |  | B |  | 42486 |
| C |  | 55384 |  | C |  | 4823 |  | C |  | 12472 |
| D |  | 5185 |  | D |  | 1357 |  | D |  | 9460 |
| E |  | 41052 |  | E |  | 1629 |  | E |  | 25203 |
| F |  | 53163 |  | F |  | 1240 |  | F |  | 9848 |
| G |  | 24101 |  | G |  | 365 |  | G |  | 16450 |
| H |  | 8868 |  | H |  | 872 |  | H |  | 46503 |
| I |  | 47346 |  | I |  | 1536 |  | I |  | 7449 |
| J |  | 41816 |  | J |  | 2980 |  | J |  | 19640 |

14

| Abacus |  |  | Abacus |  |  | Abacus |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $9860 \div 4=$ | 2465 | A | $9961 \div 7=$ | 1423 | A | $3978 \times 6=$ | 23868 |
| B |  | 219 | B |  | 2658 | B |  | 5620 |
| C |  | 2457 | C |  | 1097 | C |  | 23895 |
| D |  | 615 | D |  | 324 | D |  | 9738 |
| E |  | 2858 | E |  | 756 | E |  | 42216 |
| F |  | 1509 | F |  | 843 | F |  | 3258 |
| G |  | 1296 | G |  | 2624 | G |  | 24055 |
| H |  | 648 | H |  | 1826 | H |  | 41314 |
| 1 |  | 1251 | I |  | 1687 | 1 |  | 12268 |
| J |  | 2698 | J |  | 311 | J |  | 12290 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9436 | 3524 | 4425 | 7563 | 5230 | 8452 | 1895 | 9014 | 2887 | 6455 |
|  |  |  |  |  |  |  |  |  |  |
| 13129 | 585 | 8109 | 1120 | 12736 | 13818 | 5634 | 2849 | 4377 | 12312 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5.6 | 3.1 | 9.4 | 6.4 | 1.5 | 4.3 | 7.3 | 0.7 | 8.6 | 2.2 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 7.1 | 11 | 12.3 | 8 | 8 | 4.8 | 9.7 | 8.4 | 9.8 | 10.2 |

Mental

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 48 | 77 | 25 | 59 | 97 | 64 | 83 | 19 | 37 | 54 |
|  |  |  |  |  |  |  |  |  |  |
| 53 | 97 | 27 | 149 | 62 | 104 | 135 | 73 | 137 | 143 |


| Mental |  |  | Mental |  |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $882 \times 8=$ | 7056 | A | $455 \times 3=$ | 1365 | A | $207 \times 2=$ | 414 |
| B |  | 3270 | B |  | 792 | B |  | 636 |
| C |  | 903 | C |  | 2256 | C |  | 2576 |
| D |  | 6818 | D |  | 3505 | D |  | 2610 |
| E |  | 1032 | E |  | 1926 | E |  | 4221 |
| F |  | 726 | F |  | 940 | F |  | 4680 |
| G |  | 1686 | G |  | 6825 | G |  | 1962 |
| H |  | 5625 | H |  | 4260 | H |  | 3968 |
| I |  | 745 | I |  | 3396 | I |  | 2925 |
| J |  | 5271 | J |  | 1137 | J |  | 416 |

17

|  | Mental |  |  |  | Mental |  |  |  | Mental |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $390 \div 5=$ | 78 |  | A | $405 \div 9=$ | 45 |  | A | $624 \div 4=$ | 156 |
| B |  | 42 |  | B |  | 206 |  | B |  | 321 |
| C |  | 301 |  | C |  | 359 |  | C |  | 98 |
| D |  | 339 |  | D |  | 237 |  | D |  | 47 |
| E |  | 179 |  | E |  | 82 |  | E |  | 17 |
| F |  | 88 |  | F |  | 43 |  | F |  | 52 |
| G |  | 92 |  | G |  | 173 |  | G |  | 68 |
| H |  | 74 |  | H |  | 159 |  | H |  | 396 |
| I |  | 223 |  | I |  | 26 |  | I |  | 229 |
| J |  | 106 |  | J |  | 61 |  | J |  | 117 |

18

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 322 | 947 | 642 | 175 | 887 | 275 | 714 | 275 | 546 | 422 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 1031 | 786 | 1075 | 102 | 1569 | 902 | 1042 | 1249 | 1656 | 846 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8.22 | 5.35 | 1.78 | 4.57 | 9.45 | 7.48 | 2.94 | 6.67 | 0.57 | 3.45 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 10.87 | 5.84 | 1.76 | 20.51 | 12.27 | 10.95 | 15.76 | 5.33 | 12.00 | 10.01 |
| Mental |  |  |  |  |  |  |  |  |  |
| A | B | C | D | E | F | G | H | I | J |
| 57 | 26 | 94 | 69 | 30 | 87 | 11 | 73 | 43 | 60 |
|  |  |  |  |  |  |  |  |  |  |


| Abacus |  | Mental |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $7298 \times 4=$ | 29192 | A | $324 \div 9=$ | 36 | A | $3204 \div 9=$ | 356 |
| B |  | 41875 | B |  | 182 | B |  | 2001 |
| C |  | 17094 | C |  | 21 | C |  | 648 |
| D |  | 62055 | D |  | 28 | D |  | 375 |
| E | 24048 | E |  | 189 | E |  | 489 |  |
| F |  | 4316 | F |  | 427 | F |  | 2436 |
| G |  | 26990 | G |  | 24 | G |  | 385 |
| H |  | 13951 | H |  | 85 | H |  | 479 |
| I |  | 8202 | I |  | 47 | I |  | 397 |
| J |  | 47718 | J |  | 143 | J |  | 1423 |


| Mental |  |  | Mental |  |  | Abacus |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $249 \times 5=$ | 1245 | A | $772 \times 3=$ | 2316 | A | $7513 \times 9=$ | 67617 |
| B |  | 459 | B |  | 1300 | B |  | 12340 |
| C |  | 5463 | C |  | 2916 | C |  | 31158 |
| D |  | 3532 | D |  | 1432 | D |  | 30576 |
| E |  | 942 | E |  | 1006 | E |  | 68894 |
| F |  | 1284 | F |  | 5499 | F |  | 7102 |
| G |  | 3340 | G |  | 4870 | G |  | 19224 |
| H |  | 6328 | H |  | 1176 | H |  | 50952 |
| I |  | 4616 | I |  | 900 | I |  | 27605 |
| J |  | 840 | J |  | 1520 | J |  | 48282 |

21
Q. Anna read a story book. She was reading 4 pages each day. She finished the book in 6 days. How many pages were in Anna's story book?
Answer: 6 X 4 = $\mathbf{2 4}$ pages were there in Anna's story book.

|  | Mental |  |  | Mental |  |  | Abacus |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $876 \div 6=$ | 146 | A | 926 $\div 2=$ | 463 | A | 4305 $\div 7=$ | 615 |
| B |  | 382 | B |  | 197 | B |  | 3204 |
| C |  | 96 | C |  | 319 | C |  | 356 |
| D |  | 327 | D |  | 161 | D |  | 3051 |
| E |  | 119 | E |  | 108 | E |  | 1035 |
| F |  | 86 | F |  | 41 | F |  | 467 |
| G |  | 28 | G |  | 64 | G |  | 1153 |
| H |  | 57 | H |  | 116 | H |  | 1968 |
| 1 |  | 178 | 1 |  | 308 | 1 |  | 4773 |
| J |  | 329 | J |  | 259 | J |  | 2957 |

Q. Grace, Rebecca and Trisha counted their candy bars. Grace counted 29 candy bars, Rebecca had 7 times as many candy bars as Grace. Trisha had 4 times as many candy bars as Rebecca. How many candy bars did Trisha have?
Answer: Grace 29 candy bars, Rebecca got $29 \times 7=203$ candy bars, Trisha got 203 X $4=812$ candy bars.

| Abacus |
| :--- |
| A B C D E F G H I J <br> 805 446 349 943 716 513 153 642 285 843 <br>           <br>           |


| Abacus |  |  | Mental |  |  | Abacus |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $5784 \div 6=$ | 964 | A | $747 \div 3=$ | 249 | A | $4226 \times 7=29582$ | A | $352 \times 9=$ | 3168 |
| B |  | 2043 | B |  | 206 | B | 53901 | B |  | 584 |
| C |  | 3187 | C |  | 478 | C | 18102 | C |  | 2364 |
| D |  | 821 | D |  | 78 | D | 7722 | D |  | 1295 |
| E |  | 1046 | E |  | 82 | E | 49055 | E |  | 3087 |
| F |  | 869 | F |  | 153 | F | 9654 | F |  | 1836 |

Q. Jack invited 3 of his friends. Mom made 12 cup cakes and distributed equally to 4 of them.

How many cup cakes did each have?
Answer: $12 \div 3$ = 4 cup cake to each.
Q. Sarah counts 88 flowers in 4 bouquets. How many flowers are in each bouquet?

Answer: $88 \div \mathbf{4} \mathbf{=} \mathbf{2 2}$ flowers in each bouquets.
Q. Max has planned 12 total prizes for the party. Each game would have 3 winners. How many games will be played at the party?
Answer: $12 \div 3$ = 4 games.

| Abacus |  |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | $2568 \div 4=$ | 642 | A | $963 \div 3=$ | 321 |
| B |  | 248 | B |  | 224 |
| C |  | 570 | C |  | 117 |
| D |  | 505 | D |  | 94 |
| E |  | 408 | E |  | 74 |
| F |  | 265 | F |  | 40 |
| G |  | 620 | G |  | 86 |
| H |  | 357 | H |  | 37 |
| I |  | 408 | I |  | 97 |
| J |  | 319 | J |  | 308 |


| A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: |
| 4.98 | 0.89 | 0.43 | 9.86 | 3.10 |
|  |  |  |  |  |
| 11.66 | 16.64 | 4.53 | 20.53 | 23.67 |
|  |  |  |  |  |
| A | B | C | D | E |
| 9.16 | 2.89 | 4.63 | 4.08 | 5.06 |
|  |  |  |  |  |
| 14.46 | 25.71 | 7.19 | 5.11 | 31.74 |


| Abacus |  |  | Mental |  |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $8586 \div 9=$ | 954 | A | $513 \div 9=$ | 57.00 | A | $516 \div 6=$ | 86 |
| B |  | 863 | B |  | 190.00 | B |  | 329 |
| C |  | 901 | C |  | 30.00 | C |  | 429 |
| D |  | 742 | D |  | 46.00 | D |  | 147 |
| E |  | 856 | E |  | 213.00 | E |  | 123 |
| F |  | 639 | F |  | 354.00 | F |  | 129 |
| G |  | 785 | G |  | 89.00 | G |  | 49 |
| H |  | 241 | H |  | 80.00 | H |  | 147 |
| I |  | 569 | I |  | 149.00 | I |  | 28 |
| J |  | 874 | J |  | 64.00 | J |  | 92 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9045 | 2456 | 8315 | 3478 | 6417 | 7324 | 1478 | 4257 | 5731 | 8401 |
|  |  |  |  |  |  |  |  |  |  |
| 2542 | 1368 | 10971 | 7227 | 8280 | 10858 | 5750 | 7377 | 13047 | 4280 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8.26 | 0.31 | 4.85 | 7.39 | 2.56 | 5.46 | 9.75 | 1.47 | 6.54 | 3.04 |
|  |  |  |  |  |  |  |  |  |  |
| 15.97 | 12.38 | 12.86 | 7.54 | 14.35 | 6.96 | 10.75 | 16.52 | 16.72 | 0.26 |

Mental

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 49 | 70 | 85 | 66 | 14 | 54 | 94 | 24 | 71 | 34 |
|  |  |  |  |  |  |  |  |  |  |
| 68 | 50 | 157 | 153 | 62 | 150 | 163 | 92 | 80 | 104 |


|  | Abacus |  | Abacus |  |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $2459 \times 7=$ | 17213 | A | 286 X $4=$ | 1072 | A | $569 \times 3=$ | 1707 |
| B |  | 34155 | B |  | 4086 | B |  | 5824 |
| C |  | 21639 | C |  | 4779 | C |  | 2804 |
| D |  | 36354 | D |  | 2739 | D |  | 2125 |
| E |  | 75807 | E |  | 3540 | E |  | 2952 |
| F |  | 13196 | F |  | 1692 | F |  | 316 |
| G |  | 57160 | G |  | 3035 | G |  | 2616 |
| H |  | 12390 | H |  | 1728 | H |  | 5346 |
| I |  | 21476 | I |  | 805 | I |  | 1380 |
| J |  | 16824 | J |  | 2568 | J |  | 536 |


|  | Abacus |  |  | Mental |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $4125 \div 5=$ | 825 | A | $712 \div 8=$ | 89 | A | $513 \div 9=$ | 57.00 |
| B |  | 903 | B |  | 46 | B |  | 184.00 |
| C |  | 824 | C |  | 58 | C |  | 65.00 |
| D |  | 753 | D |  | 81 | D |  | 58.00 |
| E |  | 651 | E |  | 72 | E |  | 167.00 |
| F |  | 492 | F |  | 63 | F |  | 452.00 |
| G |  | 816 | G |  | 75 | G |  | 38.00 |
| H |  | 876 | H |  | 92 | H |  | 70.00 |
| I |  | 863 | I |  | 24 | I |  | 168.00 |
| J |  | 952 | J |  | 77 | J |  | 51.00 |


| Abacus |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | 8604 X 4 = | 34416 |  | A | $713 \times 2=$ | 1426 |  | A | $948 \div 3=$ | 316 |
| B |  | 7710 |  | B |  | 1240 |  | B |  | 413 |
| C |  | 9171 |  | C |  | 4840 |  | C |  | 123 |
| D |  | 38568 |  | D |  | 3708 |  | D |  | 72 |
| E | 26379 |  | E |  | 5922 |  | E |  | 148 |  |
| F |  | 2520 |  | F |  | 1215 |  | F |  | 65 |
| G |  | 33560 |  | G |  | 2544 |  | G |  | 292 |
| H |  | 67991 |  | H |  | 1563 |  | H |  | 46 |
| I |  | 6945 |  | I |  | 3015 |  | I |  | 185 |
| J |  | 23504 |  | J |  | 3792 |  | J |  | 127 |

Mental

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 83 | 85 | 92 | 27 | 76 | 37 | 22 | 64 | 78 | 56 |
|  |  |  |  |  |  |  |  |  |  |
| 195 | 55 | 189 | 52 | 161 | 65 | 69 | 156 | 148 | 159 |

## Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 539 | 831 | 820 | 629 | 197 | 629 | 927 | 299 | 719 | 759 |
|  |  |  |  |  |  |  |  |  |  |
| 212 | 913 | 1829 | 252 | 1311 | 1324 | 1946 | 1580 | 1128 | 1594 |

Question: Angela had 76 computer games. She got 13 more for her birthday. How many computer games did Angela have then?

Answer: $76=13=89$

$$
\begin{aligned}
& 3.52+7.89+2.94-4.18-7.34=2.83 \\
& 7.36+8.12+6.45-2.59-1.09=18.25
\end{aligned}
$$

|  | Mental |  |  | Abacus |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $568 \div 2=$ | 284 | A | $2394 \times 3=$ | 7182 | A | $513 \times 7=$ | 3591 |
| B |  | 92 | B |  | 14406 | B |  | 4005 |
| C |  | 70 | C |  | 42730 | C |  | 651 |
| D |  | 193 | D |  | 27648 | D |  | 5838 |
| E |  | 56 | E |  | 27840 | E |  | 764 |
| F |  | 226 | F |  | 3746 | F |  | 7182 |
| G |  | 27 | G |  | 10350 | G |  | 1352 |
| H |  | 35 | H |  | 63981 | H |  | 1700 |
| I |  | 68 | I |  | 12783 | 1 |  | 1088 |
| J |  | 74 | J |  | 5274 | J |  | 4550 |


|  | Mental |  |  | Abacus |  |  | Abacus |  |  | Mental |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $420 \div 6=$ | 70 | A | $2412 \div 9=$ | 268 | A | $5201 \times 4=$ | 20804 | A | $402 \times 4=$ | 1608 |
| B |  | 412 | B |  | 2176 | B |  | 10251 | B |  | 765 |
| C |  | 156 | C |  | 841 | C |  | 7658 | C |  | 5772 |
| D |  | 128 | D |  | 635 | D |  | 55287 | D |  | 7569 |
| E |  | 218 | E |  | 3001 | E |  | 69216 | E |  | 6032 |
| F |  | 67 | F |  | 4756 | F |  | 14870 | F |  | 538 |
| G |  | 28 | G |  | 777 | G |  | 24510 | G |  | 1071 |
| H |  | 33 | H |  | 900 | H |  | 9772 | H |  | 3542 |
| I |  | 16 | I |  | 1734 | I |  | 38272 | I |  | 3140 |
| J |  | 84 | J |  | 469 | J |  | 17190 | J |  | 1660 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5874 | 3062 | 7913 | 6120 | 4123 | 9015 | 1357 | 8312 | 2578 | 5802 |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| 5275 | 9784 | 8824 | 16690 | 12884 | 4742 | 6520 | 1537 | 8329 | 917 |

Mental

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 80 | 42 | 16 | 55 | 38 | 93 | 24 | 72 | 61 | 82 |
|  |  |  |  |  |  |  |  |  |  |
| 143 | 109 | 98 | 107 | 128 | 98 | 98 | 152 | 173 | 105 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3.52 | 4.59 | 5.28 | 7.42 | 6.24 | 8.01 | 0.73 | 1.68 | 9.57 | 2.61 |
|  |  |  |  |  |  |  |  |  |  |
| 19.05 | 0.57 | 4.89 | 13.28 | 18.52 | 7.05 | 7.07 | 6.45 | 0.76 | 14.56 |


|  | Abacus |  | Mental |  |  | Abacus |  |  | Mental |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | $6251 \div 7=$ | 893 | A | $514 \div 2=$ | 257 | A | $2405 \times 9=$ | 21645 | A | $840 \times 5=$ | 4200 |
| B |  | 2630 | B |  | 86 | B |  | 5638 | B |  | 753 |
| C |  | 534 | C |  | 241 | C |  | 42835 | C |  | 1584 |
| D |  | 687 | D |  | 208 | D |  | 8772 | D |  | 2853 |
| E |  | 235 | E |  | 87 | E |  | 41106 | E |  | 616 |
| F |  | 769 | F |  | 39 | F |  | 57680 | F |  | 1000 |
| G |  | 948 | G |  | 153 | G |  | 21994 | G |  | 3024 |
| H |  | 3087 | H |  | 42 | H |  | 5492 | H |  | 2372 |
| 1 |  | 458 | 1 |  | 29 | 1 |  | 11578 | 1 |  | 930 |
| J |  | 892 | J |  | 234 | J |  | 35480 | J |  | 958 |

35

| Abacus |  |
| :---: | :---: |
| A | $4572 \div 6=$ |
| B |  |
| C |  |
| D |  |
| E | 958 |
| F |  |
| G |  |
| H |  |
| I |  |
| J |  |
|  |  |

Mental

| A | $392 \div 7=$ |
| :---: | :---: |
| B |  |
| C |  |
| D |  |
| E | 482 |
| F | 67 |
| G | 92 |
| H | 81 |
| I | 24 |
| J | 209 |

36

Abacus

| A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: |
| 6.95 | 7.34 | 7.28 | 4.63 | 1.48 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 27.49 | 11.69 | 25.17 | 4.28 | 0.15 |


| A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: |
| 0.68 | 0.88 | 5.80 | 1.07 | 6.66 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| 13.86 | 13.70 | 18.16 | 10.27 | 24.26 |

