

Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 58 | 63 | 28 | 47 | 19 | 81 | 91 | 72 | 72 | 79 |
| 168 | 127 | 103 | 79 | 112 | 117 | 76 | 132 | 258 | 144 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 33 | 18 | 21 | 72 | 73 | 86 | 36 | 28 | 73 | 71 |
| 49 | 143 | 218 | 156 | 168 | 82 | 208 | 281 | 268 | 199 |

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Abacus

| | |
|----------|-----------------------|
| A | 942 X 5 = 4710 |
| B | 306 |
| C | 5056 |
| D | 1734 |
| E | 1344 |
| F | 4464 |
| G | 352 |
| H | 4812 |
| I | 5733 |
| J | 5328 |

Mental

| | | | | | |
|----------|-----------|----------|----------|----------|------------|
| A | 47 | X | 5 | = | 235 |
| B | | | | | 136 |
| C | | | | | 196 |
| D | | | | | 58 |
| E | | | | | 444 |
| F | | | | | 111 |
| G | | | | | 686 |
| H | | | | | 455 |
| I | | | | | 140 |
| J | | | | | 134 |

Abacus

| | |
|----------|--------------------|
| A | 75 ÷ 5 = 15 |
| B | 16 |
| C | 29 |
| D | 13 |
| E | 4 |
| F | 23 |
| G | 12 |
| H | 21 |
| I | 11 |
| J | 15 |

Abacus

| | |
|----------|--------------------|
| A | 92 ÷ 2 = 46 |
| B | 13 |
| C | 7.25 |
| D | 38 |
| E | 27 |
| F | 2 |
| G | 14 |
| H | 15 |
| I | 27 |
| J | 9 |

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Abacus

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|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 323 | 648 | 244 | 375 | 363 | 386 | 356 | 218 | 362 | 163 |
| 359 | 2253 | 1478 | 1209 | 685 | 1275 | 1656 | 544 | 1045 | 925 |

Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 83 | 74 | 12 | 63 | 99 | 73 | 60 | 82 | 73 | 29 |
| 83 | 70 | 152 | 72 | 45 | 238 | 141 | 231 | 261 | 111 |

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| | |
|----------|-----------------|
| A | $27 \div 3 = 9$ |
| B | 13 |
| C | 45 |
| D | 7 |
| E | 14 |
| F | 11 |
| G | 16 |
| H | 17 |
| I | 6 |
| J | 19 |

| | |
|----------|-----------------|
| A | $18 \div 6 = 3$ |
| B | 5 |
| C | 7 |
| D | 2 |
| E | 4 |
| F | 9 |
| G | 3 |
| H | 6 |
| I | 2 |
| J | 4 |

| | |
|----------|-----------------------|
| A | $837 \times 4 = 3348$ |
| B | 4396 |
| C | 4890 |
| D | 5832 |
| E | 1443 |
| F | 5841 |
| G | 1124 |
| H | 4195 |
| I | 7440 |
| J | 5652 |

| | |
|----------|-----------------------|
| A | $519 \times 9 = 4671$ |
| B | 3073 |
| C | 387 |
| D | 2712 |
| E | 3704 |
| F | 2982 |
| G | 1340 |
| H | 1258 |
| I | 5033 |
| J | 5192 |

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| | | | | | |
|----------|----|---|---|---|-----|
| A | 19 | X | 2 | = | 38 |
| B | | | | | 414 |
| C | | | | | 328 |
| D | | | | | 434 |
| E | | | | | 312 |
| F | | | | | 100 |
| G | | | | | 130 |
| H | | | | | 234 |
| I | | | | | 216 |
| J | | | | | 648 |

| | | | | | |
|----------|----|---|---|---|-----|
| A | 98 | X | 2 | = | 196 |
| B | | | | | 284 |
| C | | | | | 657 |
| D | | | | | 736 |
| E | | | | | 129 |
| F | | | | | 345 |
| G | | | | | 594 |
| H | | | | | 574 |
| I | | | | | 392 |
| J | | | | | 94 |

| | | | | | |
|----------|----|---|---|---|-----|
| A | 42 | X | 3 | = | 126 |
| B | | | | | 259 |
| C | | | | | 140 |
| D | | | | | 336 |
| E | | | | | 192 |
| F | | | | | 282 |
| G | | | | | 216 |
| H | | | | | 399 |
| I | | | | | 138 |
| J | | | | | 225 |

| | | | | | |
|----------|----|---|---|---|-----|
| A | 23 | X | 4 | = | 92 |
| B | | | | | 518 |
| C | | | | | 112 |
| D | | | | | 468 |
| E | | | | | 195 |
| F | | | | | 249 |
| G | | | | | 138 |
| H | | | | | 752 |
| I | | | | | 295 |
| J | | | | | 216 |

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ABACUS

| | |
|----------|-----------------|
| A | $42 \div 6 = 7$ |
| B | 13 |
| C | 8 |
| D | 16 |
| E | 9 |
| F | 31 |
| G | 12 |
| H | 26 |
| I | 13 |
| J | 14 |

| | |
|----------|-----------------|
| A | $42 \div 7 = 6$ |
| B | 13 |
| C | 10 |
| D | 12 |
| E | 7 |
| F | 9 |
| G | 15 |
| H | 16 |
| I | 9 |
| J | 14 |

| | |
|----------|----------------------|
| A | $248 \times 4 = 992$ |
| B | 7443 |
| C | 552 |
| D | 1020 |
| E | 2712 |
| F | 5148 |
| G | 2272 |
| H | 2912 |
| I | 570 |
| J | 4935 |

| | |
|----------|-----------------------|
| A | $651 \times 8 = 5208$ |
| B | 2187 |
| C | 5841 |
| D | 4214 |
| E | 4685 |
| F | 2240 |
| G | 4884 |
| H | 530 |
| I | 5760 |
| J | 4256 |

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| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 82 | 36 | 82 | 92 | 81 | 28 | 54 | 29 | 26 | 43 |
| 134 | 185 | 188 | 171 | 197 | 142 | 211 | 53 | 232 | 93 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 32 | 53 | 74 | 55 | 22 | 63 | 38 | 92 | 74 | 63 |
| 499 | 206 | 380 | 313 | 332 | 395 | 221 | 184 | 288 | 170 |

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Q. Mrs. Smith pays Julia \$ 5.00 a day to pet sit her dog. If she is gone for a week, how much money will Julia make? If Julia takes care of 2 dogs for a week, how much money will she make?

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| | |
|----------|-----------------------|
| A | 822 X 2 = 1644 |
| B | 1860 |
| C | 836 |
| D | 4102 |
| E | 890 |
| F | 7443 |
| G | 2868 |
| H | 1552 |
| I | 2811 |
| J | 1566 |

| | |
|----------|--------------------|
| A | 27 X 2 = 54 |
| B | 380 |
| C | 536 |
| D | 261 |
| E | 156 |
| F | 644 |
| G | 96 |
| H | 322 |
| I | 306 |
| J | 248 |

| | |
|----------|-------------------|
| A | 42 ÷ 7 = 6 |
| B | 16 |
| C | 6 |
| D | 8 |
| E | 16 |
| F | 15 |
| G | 14 |
| H | 25 |
| I | 4 |
| J | 15 |

| | |
|----------|----------------------|
| A | 861 ÷ 7 = 123 |
| B | 78 |
| C | 184 |
| D | 85 |
| E | 63 |
| F | 76 |
| G | 109 |
| H | 118 |
| I | 82 |
| J | 75 |

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How much money will she make if she takes care of 4 dogs?

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| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 814 | 752 | 614 | 814 | 529 | 103 | 147 | 539 | 365 | 423 |
| 1990 | 1736 | 3196 | 1506 | 1215 | 1094 | 2488 | 3256 | 1533 | 493 |

Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 38 | 10 | 96 | 64 | 85 | 59 | 85 | 89 | 85 | 59 |
| 92 | 78 | 177 | 127 | 77 | 166 | 135 | 174 | 77 | 166 |

Answer: Julia makes $7 \times \$ 5 = \$ 35$ for a week. If Julia takes care of 2 dogs for a week. She will make $\$70 \times 2 = \140 . If she takes care of 4 dogs. She will make $\$70 \times 4 = \280 for a week.

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Q. There were 17 children sitting in chairs at the magic show. Some left when the monkey trick didn't work. But 3 came back for the bunny trick. Then 5 more came back for the lion trick.

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Then there were 15 children sitting in chairs. How many children went away after the monkey

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 752 | 758 | 999 | 629 | 719 | 618 | 183 | 529 | 738 | 825 |
| 1428 | 2231 | 1131 | 992 | 2669 | 2231 | 422 | 1455 | 1682 | 2609 |

trick?

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 47 | 94 | 29 | 13 | 29 | 82 | 36 | 29 | 72 | 51 |
| 265 | 98 | 220 | 21 | 227 | 142 | 141 | 117 | 227 | 104 |

Answer: $3 + 5 = 8$ came back. Altogether 15 children are sitting there. $15 - 8$ (children came later) = 7 (children were left before). $17 - 7 = 10$ children left, when tricks did not work.

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| | |
|----------|-----------------------|
| A | 829 X 7 = 5803 |
| B | 3195 |
| C | 872 |
| D | 1425 |
| E | 1948 |
| F | 1814 |
| G | 2214 |
| H | 8028 |
| I | 2716 |
| J | 4170 |

| | |
|----------|-----------------------|
| A | 618 X 6 = 3708 |
| B | 2748 |
| C | 3490 |
| D | 3692 |
| E | 2310 |
| F | 3501 |
| G | 5536 |
| H | 1582 |
| I | 3696 |
| J | 2511 |

| | |
|----------|---------------------|
| A | 97 X 6 = 582 |
| B | 232 |
| C | 228 |
| D | 196 |
| E | 546 |
| F | 768 |
| G | 170 |
| H | 720 |
| I | 369 |
| J | 576 |

| | |
|----------|---------------------|
| A | 94 X 4 = 376 |
| B | 435 |
| C | 141 |
| D | 644 |
| E | 774 |
| F | 390 |
| G | 632 |
| H | 105 |
| I | 322 |
| J | 776 |

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|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 52 | 75 | 47 | 59 | 93 | 54 | 49 | 39 | 48 | 43 |
| 43 | 194 | 107 | 187 | 68 | 229 | 99 | 98 | 142 | 14 |

Q. Kyle is 11 years old; his sister is 3 years old. They are going for the ferry ride with their mom

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 184 | 372 | 682 | 589 | 184 | 659 | 298 | 147 | 918 | 529 |
| 724 | 720 | 1213 | 1311 | 463 | 947 | 349 | 2508 | 1564 | 910 |

and dad. Tickets for the Ferry ride cost \$ 10.00 for adults. Children between ages 4 and 12 cost \$ 4.00. Ages 3 and under are free. How much will the ferry ride cost to Kyle's family?

Answer: Mom \$10.00, Dad \$ 10.00, Kyle \$ 4.00, Sister FREE

Total \$24 will be the cost.

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**Abacus
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| | |
|----------|-----------------|
| A | $42 \div 7 = 6$ |
| B | 16 |
| C | 2 |
| D | 2 |
| E | 16 |
| F | 21 |
| G | 19 |
| H | 32 |
| I | 3 |
| J | 16 |

**Abacus
Abacus**

| | |
|----------|------------------|
| A | $78 \div 6 = 13$ |
| B | 20 |
| C | 19 |
| D | 15 |
| E | 4 |
| F | 42 |
| G | 3 |
| H | 25 |
| I | 9 |
| J | 22 |

**Abacus
Mental**

| | |
|----------|-----------------|
| A | $21 \div 7 = 3$ |
| B | 17 |
| C | 3 |
| D | 9 |
| E | 15 |
| F | 22 |
| G | 18 |
| H | 31 |
| I | 10 |
| J | 11 |

**Abacus
Mental**

| | |
|----------|-----------------|
| A | $12 \div 6 = 2$ |
| B | 24 |
| C | 13 |
| D | 16 |
| E | 7 |
| F | 43 |
| G | 9 |
| H | 26 |
| I | 10 |
| J | 23 |

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| | |
|----------|-----------------------|
| A | 927 X 7 = 6489 |
| B | 570 |
| C | 1116 |
| D | 2284 |
| E | 6489 |
| F | 3795 |
| G | 3078 |
| H | 5244 |
| I | 3124 |
| J | 1776 |

| | |
|----------|-----------------------|
| A | 784 X 5 = 3920 |
| B | 1758 |
| C | 3788 |
| D | 4952 |
| E | 1566 |
| F | 1316 |
| G | 1148 |
| H | 4584 |
| I | 6349 |
| J | 1755 |

| | |
|----------|---------------------|
| A | 71 X 6 = 426 |
| B | 460 |
| C | 595 |
| D | 608 |
| E | 243 |
| F | 126 |
| G | 376 |
| H | 98 |
| I | 684 |
| J | 696 |

| | |
|----------|--------------------|
| A | 24 X 3 = 72 |
| B | 657 |
| C | 624 |
| D | 448 |
| E | 415 |
| F | 665 |
| G | 752 |
| H | 492 |
| I | 148 |
| J | 312 |

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| | |
|----------|------------------------|
| A | 2718 X 2 = 5436 |
| B | 15789 |
| C | 19224 |
| D | 33544 |
| E | 46320 |
| F | 77184 |
| G | 15888 |
| H | 36032 |
| I | 19480 |
| J | 22077 |

Abacus

| | |
|----------|-------------------------|
| A | 6391 X 5 = 31955 |
| B | 9628 |
| C | 26392 |
| D | 66104 |
| E | 59922 |
| F | 18150 |
| G | 56637 |
| H | 44892 |
| I | 40474 |
| J | 68238 |

Mental

| | |
|----------|-----------------------|
| A | 692 X 2 = 1384 |
| B | 1113 |
| C | 692 |
| D | 3353 |
| E | 3845 |
| F | 2466 |
| G | 1584 |
| H | 744 |
| I | 1404 |
| J | 2344 |

Mental

| | |
|----------|-----------------------|
| A | 689 X 5 = 3445 |
| B | 328 |
| C | 2292 |
| D | 7328 |
| E | 7200 |
| F | 1136 |
| G | 426 |
| H | 2202 |
| I | 4515 |
| J | 6102 |

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Mental

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|------|------|------|------|------|------|-----|-----|------|------|
| 823 | 539 | 274 | 652 | 512 | 629 | 421 | 121 | 491 | 728 |
| 1568 | 1229 | 1183 | 1352 | 1597 | 3474 | 680 | 672 | 1362 | 1572 |

| A | B | C | D | E | F | G | H | I | J |
|-----|-----|----|-----|-----|-----|----|-----|----|-----|
| 29 | 28 | 58 | 69 | 68 | 71 | 41 | 91 | 39 | 59 |
| 178 | 120 | 30 | 163 | 196 | 207 | 59 | 129 | 49 | 155 |

Q. Tanisha is having a birthday party. There are 9 kids at the party. Each kid will have 2 cup cakes. How many cup cakes they should have at the party?

Answer: $9 \times 2 = 18$ Cups cakes at least.

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| | |
|----------|----------------------|
| A | 624 ÷ 6 = 104 |
| B | 39 |
| C | 44 |
| D | 79 |
| E | 105 |
| F | 334 |
| G | 67 |
| H | 323 |
| I | 78 |
| J | 35 |

| | |
|----------|-------------------|
| A | 35 ÷ 7 = 5 |
| B | 15 |
| C | 3 |
| D | 4 |
| E | 7 |
| F | 14 |
| G | 9 |
| H | 28 |
| I | 6 |
| J | 13 |

| | |
|----------|-------------------------|
| A | 7212 X 5 = 36060 |
| B | 8650 |
| C | 38348 |
| D | 52776 |
| E | 28071 |
| F | 18624 |
| G | 25529 |
| H | 58404 |
| I | 41762 |
| J | 70101 |

| | |
|----------|-----------------------|
| A | 611 X 2 = 1222 |
| B | 1896 |
| C | 3588 |
| D | 3255 |
| E | 1425 |
| F | 1143 |
| G | 1872 |
| H | 1824 |
| I | 2586 |
| J | 5076 |

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|----------|------------------------|
| A | 2839 X 2 = 5678 |
| B | 17046 |
| C | 12740 |
| D | 25515 |
| E | 49320 |
| F | 24102 |
| G | 34734 |
| H | 36748 |
| I | 22449 |
| J | 57609 |

Abacus

| | |
|----------|-----------------------|
| A | 892 X 5 = 4460 |
| B | 1136 |
| C | 760 |
| D | 3808 |
| E | 3681 |
| F | 1144 |
| G | 3969 |
| H | 4962 |
| I | 6377 |
| J | 3411 |

Abacus

| | |
|----------|---------------------|
| A | 434 ÷ 7 = 62 |
| B | 123 |
| C | 76 |
| D | 39 |
| E | 124 |
| F | 214 |
| G | 63 |
| H | 314 |
| I | 29 |
| J | 54 |

Mental

| | |
|----------|--------------------|
| A | 60 ÷ 6 = 10 |
| B | 21 |
| C | 8 |
| D | 13 |
| E | 6 |
| F | 34 |
| G | 3 |
| H | 24 |
| I | 9 |
| J | 16 |

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Abacus

| | |
|----------|---------------------|
| A | 322 ÷ 7 = 46 |
| B | 161 |
| C | 96 |
| D | 85 |
| E | 49 |
| F | 223 |
| G | 27 |
| H | 277 |
| I | 55 |
| J | 132 |

Abacus

| | |
|----------|-------------------|
| A | 48 ÷ 6 = 8 |
| B | 22 |
| C | 6 |
| D | 16 |
| E | 6 |
| F | 31 |
| G | 2 |
| H | 25 |
| I | 4 |
| J | 17 |

Abacus

| | |
|----------|-------------------------|
| A | 8739 X 5 = 43695 |
| B | 16386 |
| C | 27172 |
| D | 74192 |
| E | 60381 |
| F | 11264 |
| G | 40460 |
| H | 54480 |
| I | 52374 |
| J | 13086 |

Mental

| | |
|----------|----------------------|
| A | 142 X 2 = 284 |
| B | 1716 |
| C | 1460 |
| D | 5663 |
| E | 3545 |
| F | 5400 |
| G | 4680 |
| H | 1500 |
| I | 441 |
| J | 6741 |

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Abacus

| A | B | C | D | E | F | G | H | I | J |
|------|------|------|------|------|-----|-----|------|------|-----|
| 825 | 619 | 739 | 964 | 741 | 814 | 144 | 921 | 138 | 658 |
| 1931 | 2386 | 1790 | 1839 | 2409 | 171 | 914 | 1731 | 1204 | 831 |

Mental

| A | B | C | D | E | F | G | H | I | J |
|-----|----|-----|-----|-----|-----|----|-----|----|-----|
| 83 | 37 | 95 | 28 | 69 | 62 | 71 | 59 | 78 | 73 |
| 182 | 50 | 162 | 181 | 147 | 259 | 72 | 239 | 57 | 206 |

Q. Mr. Cook's cost to make a single pizza was \$2. He sold each pizza for \$5. How much money did he make on each pizza?

Answer: He made $\$5 - \$2 = \$3$ on each pizza.

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Abacus

| A | B | C | D | E |
|-------------|------------|------------|------------|------------|
| 720 | 103 | 218 | 164 | 267 |
| 1241 | 651 | 440 | 367 | 822 |

Mental

| A | B | C | D | E | F | G | H | I | J |
|------------|-----------|------------|------------|------------|-----------|------------|------------|-----------|-----------|
| 76 | 72 | 52 | 98 | 29 | 73 | 82 | 92 | 83 | 84 |
| 112 | 86 | 272 | 117 | 180 | 80 | 248 | 108 | 80 | 84 |

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Abacus

| | |
|----------|-------------------------|
| A | 6329 X 8 = 50632 |
| B | 55482 |
| C | 29085 |
| D | 9238 |
| E | 17508 |
| F | 29241 |
| G | 56232 |
| H | 9378 |
| I | 64918 |
| J | 35334 |

Mental

| | |
|----------|-----------------------|
| A | 782 X 2 = 1564 |
| B | 1917 |
| C | 3668 |
| D | 4032 |
| E | 3100 |
| F | 2781 |
| G | 3402 |
| H | 3316 |
| I | 5256 |
| J | 4752 |

Abacus

| | |
|----------|---------------------|
| A | 216 ÷ 8 = 27 |
| B | 439 |
| C | 29 |
| D | 78 |
| E | 236 |
| F | 38 |
| G | 113 |
| H | 67 |
| I | 183 |
| J | 92 |

Mental

| | |
|----------|-------------------|
| A | 42 ÷ 7 = 6 |
| B | 13 |
| C | 6 |
| D | 2 |
| E | 16 |
| F | 7 |
| G | 46 |
| H | 11 |
| I | 2 |
| J | 9 |

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Abacus

| A | B | C | D | E |
|-------------|-------------|-------------|-------------|-------------|
| 259 | 88 | 72 | 173 | 515 |
| 6112 | 4280 | 1651 | 1713 | 4852 |

Abacus

Mental

Abacus

Mental

Mental

| A | B | C | D | E | F | G | H | I | J |
|------------|-----------|------------|------------|------------|-----------|------------|-----------|------------|------------|
| 82 | 75 | 62 | 74 | 74 | 81 | 29 | 82 | 51 | 56 |
| 238 | 68 | 151 | 269 | 330 | 74 | 104 | 61 | 224 | 183 |

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| | |
|----------|---------------------|
| A | 504 ÷ 7 = 72 |
| B | 121 |
| C | 29 |
| D | 57 |
| E | 91 |
| F | 198 |
| G | 297 |
| H | 292 |
| I | 96 |
| J | 76 |

| | |
|----------|-------------------|
| A | 64 ÷ 8 = 8 |
| B | 49 |
| C | 7 |
| D | 5 |
| E | 23 |
| F | 9 |
| G | 4 |
| H | 8 |
| I | 6 |
| J | 4 |

| | |
|----------|-------------------------|
| A | 8284 X 2 = 16568 |
| B | 8034 |
| C | 22488 |
| D | 67011 |
| E | 21890 |
| F | 34524 |
| G | 29358 |
| H | 15140 |
| I | 36832 |
| J | 39267 |

| | |
|----------|-----------------------|
| A | 392 X 8 = 3136 |
| B | 3582 |
| C | 3840 |
| D | 1596 |
| E | 2832 |
| F | 1728 |
| G | 6957 |
| H | 950 |
| I | 5698 |
| J | 4764 |

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Abacus

| A | B | C | D | E |
|----------|----------|----------|----------|----------|
| 477 | 61 | 8 | 782 | 473 |
| 434 | 656 | 1620 | 2032 | 132 |

Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 48 | 89 | 82 | 85 | 85 | 72 | 82 | 18 | 78 | 91 |
| 78 | 156 | 179 | 180 | 182 | 106 | 290 | 143 | 74 | 97 |

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| | |
|----------|-------------------------|
| A | 3689 X 8 = 29512 |
| B | 23502 |
| C | 28410 |
| D | 18750 |
| E | 30760 |
| F | 27249 |
| G | 60741 |
| H | 9844 |
| I | 47243 |
| J | 23394 |

| | |
|----------|-----------------------|
| A | 658 X 2 = 1316 |
| B | 885 |
| C | 3588 |
| D | 4704 |
| E | 4735 |
| F | 5148 |
| G | 1482 |
| H | 2356 |
| I | 5112 |
| J | 4365 |

| | |
|----------|---------------------|
| A | 432 ÷ 8 = 54 |
| B | 68 |
| C | 130 |
| D | 73 |
| E | 171 |
| F | 67 |
| G | 82 |
| H | 58 |
| I | 148 |
| J | 118 |

| | |
|----------|--------------------|
| A | 87 ÷ 3 = 29 |
| B | 5 |
| C | 21 |
| D | 4 |
| E | 4 |
| F | 33 |
| G | 3 |
| H | 6 |
| I | 8 |
| J | 9 |

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Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 83 | 76 | 38 | 74 | 89 | 48 | 37 | 63 | 74 | 62 |
| 128 | 157 | 142 | 281 | 310 | 129 | 58 | 243 | 212 | 247 |

Abacus

Mental

Abacus

Mental

Abacus

| A | B | C | D | E |
|----------|----------|----------|----------|----------|
| 2848 | 7 | 4 | 72 | 612 |
| 1420 | 577 | 2338 | 1699 | 1352 |

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| | |
|----------|---------------------|
| A | 736 ÷ 8 = 92 |
| B | 193 |
| C | 132 |
| D | 39 |
| E | 145 |
| F | 63 |
| G | 71 |
| H | 37 |
| I | 218 |
| J | 63 |

| | |
|----------|-------------------|
| A | 49 ÷ 7 = 7 |
| B | 15 |
| C | 4 |
| D | 11 |
| E | 14 |
| F | 23 |
| G | 36 |
| H | 26 |
| I | 11 |
| J | 10 |

| | |
|----------|-------------------------|
| A | 9284 X 8 = 74272 |
| B | 45504 |
| C | 9700 |
| D | 18096 |
| E | 10368 |
| F | 20187 |
| G | 43704 |
| H | 5908 |
| I | 48104 |
| J | 17952 |

| | |
|----------|-----------------------|
| A | 893 X 2 = 1786 |
| B | 1974 |
| C | 1136 |
| D | 3934 |
| E | 4465 |
| F | 7704 |
| G | 5496 |
| H | 2288 |
| I | 1512 |
| J | 6588 |

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| A | B | C | D | E |
|----------|----------|----------|----------|----------|
| 95 | 116 | 15 | 63 | 63 |
| 1871 | 925 | 1117 | 437 | 415 |

Q.. Sam gets to play video games for 2 hours a day. How many hours does he play video games in each week?

Answer: 1 week = 14 days , so $14 \times 2 = 28$ hours

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Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 56 | 34 | 18 | 68 | 69 | 79 | 49 | 39 | 97 | 57 |
| 140 | 140 | 127 | 24 | 34 | 185 | 160 | 144 | 205 | 158 |

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| A | B | C | D | E | F | G | H | I | J |
|--------------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|--------------|--------------|
| 7399 | 8295 | 6249 | 3957 | 9375 | 6430 | 5329 | 9147 | 7592 | 6194 |
| 12580 | 1741 | 6627 | 20164 | 16701 | 18077 | 15195 | 9915 | 15771 | 13664 |

Mental

| A | B | C | D | E | F | G | H | I | J |
|------------|------------|------------|-----------|------------|-----------|-----------|------------|-----------|------------|
| 69 | 60 | 30 | 93 | 39 | 17 | 31 | 36 | 59 | 49 |
| 269 | 131 | 163 | 69 | 149 | 62 | 87 | 121 | 53 | 205 |

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| | |
|----------|---------------------|
| A | 664 ÷ 8 = 83 |
| B | 288 |
| C | 47 |
| D | 98 |
| E | 191 |
| F | 153 |
| G | 41 |
| H | 37 |
| I | 132 |
| J | 69 |

| | |
|----------|-------------------|
| A | 48 ÷ 8 = 6 |
| B | 8 |
| C | 37 |
| D | 21 |
| E | 6 |
| F | 8 |
| G | 4 |
| H | 6 |
| I | 32 |
| J | 5 |

| | |
|----------|-------------------------|
| A | 9137 X 2 = 18274 |
| B | 20763 |
| C | 31308 |
| D | 55916 |
| E | 37410 |
| F | 74178 |
| G | 11082 |
| H | 15024 |
| I | 73664 |
| J | 55692 |

| | |
|----------|-----------------------|
| A | 981 X 8 = 7848 |
| B | 4050 |
| C | 4535 |
| D | 1346 |
| E | 1008 |
| F | 1416 |
| G | 6462 |
| H | 964 |
| I | 6076 |
| J | 4428 |

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| A | B | C | D | E |
|----------|----------|----------|----------|----------|
| 82 | 72 | 63 | 83 | 73 |
| 1447 | 961 | 534 | 1425 | 1696 |

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 43 | 47 | 89 | 37 | 83 | 18 | 97 | 48 | 82 | 46 |
| 123 | 100 | 175 | 109 | 188 | 73 | 197 | 87 | 237 | 171 |

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| | |
|----------|-------------------------|
| A | 9104 X 2 = 18208 |
| B | 20619 |
| C | 24423 |
| D | 42903 |
| E | 35045 |
| F | 58113 |
| G | 33810 |
| H | 19500 |
| I | 73392 |
| J | 64647 |

Mental

| | |
|----------|-----------------------|
| A | 194 X 8 = 1552 |
| B | 3228 |
| C | 3120 |
| D | 752 |
| E | 3580 |
| F | 2157 |
| G | 5058 |
| H | 678 |
| I | 3108 |
| J | 4554 |

Abacus

| | |
|----------|---------------------|
| A | 364 ÷ 7 = 52 |
| B | 168 |
| C | 62 |
| D | 36 |
| E | 34 |
| F | 59 |
| G | 119 |
| H | 148 |
| I | 67 |
| J | 58 |

Mental

| | |
|----------|--------------------|
| A | 84 ÷ 3 = 28 |
| B | 4 |
| C | 24 |
| D | 7 |
| E | 3 |
| F | 16 |
| G | 9 |
| H | 19 |
| I | 4 |
| J | 5 |

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| A | B | C | D | E |
|----------|----------|----------|----------|----------|
| 237 | 379 | 169 | 219 | 52 |
| 1031 | 405 | 558 | 1354 | 368 |

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| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 73 | 62 | 61 | 65 | 76 | 91 | 25 | 73 | 28 | 32 |
| 230 | 180 | 62 | 121 | 159 | 216 | 216 | 180 | 135 | 41 |

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Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 83 | 92 | 61 | 47 | 53 | 72 | 51 | 92 | 43 | 76 |
| 193 | 123 | 56 | 71 | 259 | 108 | 64 | 297 | 94 | 230 |

Abacus

| A | B | C | D | E |
|---------------|----------|----------|----------|----------|
| 783 | 944 | 82 | 7 | 82 |
| can not do it | 2694 | 1953 | 1161 | 1142 |

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| | |
|----------|-------------------------|
| A | 9182 X 8 = 73456 |
| B | 17910 |
| C | 33645 |
| D | 6526 |
| E | 22084 |
| F | 17997 |
| G | 26703 |
| H | 16790 |
| I | 13013 |
| J | 17952 |

| | |
|----------|-----------------------|
| A | 814 X 2 = 1628 |
| B | 1866 |
| C | 3296 |
| D | 5999 |
| E | 1680 |
| F | 8415 |
| G | 918 |
| H | 3112 |
| I | 2936 |
| J | 2403 |

| | |
|----------|---------------------|
| A | 352 ÷ 8 = 44 |
| B | 177 |
| C | 89 |
| D | 73 |
| E | 194 |
| F | 29 |
| G | 37 |
| H | 58 |
| I | 310 |
| J | 58 |

| | |
|----------|--------------------|
| A | 48 ÷ 8 = 12 |
| B | 37 |
| C | 7 |
| D | 11 |
| E | 46 |
| F | 2 |
| G | 7 |
| H | 4 |
| I | 32 |
| J | 7 |

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| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 98 | 94 | 92 | 26 | 93 | 73 | 57 | 92 | 57 | 67 |
| 124 | 179 | 187 | 86 | 131 | 169 | 186 | 92 | 162 | 139 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 82 | 91 | 67 | 62 | 41 | 62 | 17 | 14 | 91 | 81 |
| 175 | 324 | 72 | 159 | 169 | 160 | 154 | 65 | 286 | 325 |

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| | |
|----------|---------------------|
| A | 736 ÷ 8 = 92 |
| B | 281 |
| C | 38 |
| D | 18 |
| E | 167 |
| F | 74 |
| G | 125 |
| H | 46 |
| I | 197 |
| J | 58 |

| | |
|----------|-------------------|
| A | 14 ÷ 7 = 2 |
| B | 11 |
| C | 3 |
| D | 4 |
| E | 15 |
| F | 13 |
| G | 34 |
| H | 26 |
| I | 7 |
| J | 3 |

| | |
|----------|------------------------|
| A | 1744 X 2 = 3488 |
| B | 5277 |
| C | 7788 |
| D | 47103 |
| E | 35620 |
| F | 51228 |
| G | 20526 |
| H | 22536 |
| I | 61232 |
| J | 77724 |

| | |
|----------|-----------------------|
| A | 442 X 8 = 3536 |
| B | 4092 |
| C | 975 |
| D | 1516 |
| E | 3696 |
| F | 2013 |
| G | 2655 |
| H | 1490 |
| I | 3276 |
| J | 2916 |

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Mental Q. Max is planning to give half the cookies to Mrs. Tracy's class and half the cookies to Mr.

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 75 | 82 | 37 | 46 | 38 | 91 | 57 | 27 | 71 | 82 |
| 155 | 150 | 118 | 298 | 31 | 131 | 186 | 101 | 205 | 128 |

Abacus Osborn's class. He has 50 cookies. How many cookies will each class get?

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 17 | 83 | 71 | 45 | 73 | 72 | 67 | 83 | 84 | 71 |
| 242 | 160 | 190 | 134 | 236 | 133 | 250 | 203 | 214 | 226 |

Answer: He has 50 cookies. $50 / 2 = 25$, so 25 cookies will go to Mrs. Tracy's class and 25 cookies will go to Mr. Osborn's class.

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| | |
|----------|----------------------|
| A | 808 ÷ 8 = 101 |
| B | 178 |
| C | 124 |
| D | 62 |
| E | 185 |
| F | 69 |
| G | 122 |
| H | 49 |
| I | 321 |
| J | 92 |

| | |
|----------|-------------------|
| A | 49 ÷ 7 = 7 |
| B | 4 |
| C | 8 |
| D | 9 |
| E | 6 |
| F | 19 |
| G | 34 |
| H | 31 |
| I | 8 |
| J | 12 |

| | |
|----------|-------------------------|
| A | 1738 X 8 = 13904 |
| B | 38286 |
| C | 24145 |
| D | 14306 |
| E | 19668 |
| F | 21603 |
| G | 78228 |
| H | 12762 |
| I | 64855 |
| J | 40374 |

| | |
|----------|----------------------|
| A | 279 X 2 = 558 |
| B | 1881 |
| C | 588 |
| D | 3493 |
| E | 4070 |
| F | 6615 |
| G | 5478 |
| H | 1844 |
| I | 4896 |
| J | 4311 |

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Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 76 | 55 | 83 | 45 | 48 | 39 | 19 | 84 | 71 | 89 |
| 175 | 104 | 84 | 89 | 74 | 83 | 70 | 100 | 132 | 138 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 289 | 902 | 418 | 817 | 927 | 187 | 561 | 913 | 916 | 248 |
| 2227 | 1091 | 1244 | 1111 | 1279 | 1148 | 1152 | 1372 | 1977 | 303 |

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| | |
|----------|----------------------|
| A | 987 ÷ 7 = 141 |
| B | 113 |
| C | 19 |
| D | 56 |
| E | 81 |
| F | 231 |
| G | 109 |
| H | 267 |
| I | 39 |
| J | 89 |

| | |
|----------|--------------------|
| A | 92 ÷ 2 = 46 |
| B | 8 |
| C | 5 |
| D | 21 |
| E | 10 |
| F | 10 |
| G | 5 |
| H | 29 |
| I | 2 |
| J | 3 |

| | |
|----------|------------------------|
| A | 1873 X 2 = 3746 |
| B | 19473 |
| C | 37500 |
| D | 46011 |
| E | 41320 |
| F | 17766 |
| G | 9348 |
| H | 15600 |
| I | 64568 |
| J | 19089 |

| | |
|----------|-----------------------|
| A | 741 X 8 = 5928 |
| B | 1104 |
| C | 4325 |
| D | 952 |
| E | 1176 |
| F | 1683 |
| G | 6507 |
| H | 846 |
| I | 2492 |
| J | 2052 |

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Abacus

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 739 | 920 | 692 | 760 | 618 | 581 | 918 | 194 | 285 | 198 |
| 1227 | 2448 | 726 | 1309 | 1604 | 1213 | 239 | 1140 | 513 | 869 |

Q. Joe reads
2

books a week. How many books does he read each month? How many books does he read in 3 months?

Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 58 | 36 | 29 | 84 | 82 | 60 | 79 | 91 | 89 | 22 |
| 138 | 47 | 76 | 223 | 255 | 62 | 182 | 189 | 177 | 168 |

Answer: 1 month = 4 weeks $2 \times 4 = 8$ books in a month. He reads $8 \times 3 = 24$ books in 3 months

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| | |
|----------|-------------------------|
| A | 1744 X 8 = 13952 |
| B | 47052 |
| C | 33695 |
| D | 5950 |
| E | 25092 |
| F | 7761 |
| G | 59112 |
| H | 15040 |
| I | 20314 |
| J | 40668 |

| | |
|----------|----------------------|
| A | 117 X 2 = 234 |
| B | 1734 |
| C | 776 |
| D | 4032 |
| E | 1420 |
| F | 5643 |
| G | 3576 |
| H | 1024 |
| I | 7432 |
| J | 7893 |

| | |
|----------|---------------------|
| A | 664 ÷ 8 = 83 |
| B | 117 |
| C | 73 |
| D | 28 |
| E | 128 |
| F | 139 |
| G | 17 |
| H | 18 |
| I | 194 |
| J | 78 |

| | |
|----------|--------------------|
| A | 81 ÷ 3 = 27 |
| B | 8 |
| C | 21 |
| D | 6 |
| E | 9 |
| F | 13 |
| G | 5 |
| H | 23 |
| I | 8 |
| J | 9 |

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Mental

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 82 | 71 | 83 | 45 | 82 | 78 | 19 | 88 | 34 | 84 |
| 166 | 147 | 84 | 89 | 95 | 301 | 254 | 160 | 110 | 143 |

Abacus

| A | B | C | D | E | F | G | H | I | J |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 284 | 869 | 624 | 147 | 717 | 741 | 752 | 914 | 572 | 189 |
| 500 | 1518 | 1457 | 1248 | 1198 | 2153 | 1841 | 541 | 837 | 495 |

Q. In a fruit shop there

are 23 apples, 24 bananas, 21 oranges, 100 mangoes, 50 pineapples, 75 watermelons and 23 strawberries. How many fruit are there altogether?

Answer: $23 + 24 + 21 + 100 + 50 + 75 + 23 = 316$ fruit

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| Abacus | |
|--------|--------------------|
| A | $987 \div 7 = 141$ |
| B | $375 \div 5 = 75$ |
| C | $621 \div 9 = 69$ |
| D | $680 \div 8 = 85$ |
| E | $912 \div 6 = 152$ |
| F | $144 \div 4 = 36$ |
| G | $546 \div 2 = 273$ |
| H | $153 \div 3 = 51$ |
| I | $252 \div 9 = 28$ |
| J | $918 \div 6 = 153$ |

| Mental | |
|--------|------------------|
| A | $96 \div 8 = 12$ |
| B | $90 \div 2 = 45$ |
| C | $91 \div 7 = 13$ |
| D | $84 \div 6 = 14$ |
| E | $72 \div 4 = 18$ |
| F | $70 \div 5 = 14$ |
| G | $72 \div 6 = 12$ |
| H | $54 \div 9 = 6$ |
| I | $75 \div 3 = 25$ |
| J | $96 \div 8 = 12$ |

| Abacus | |
|--------|--------------------------|
| A | $2847 \times 2 = 5,694$ |
| B | $1947 \times 3 = 5,841$ |
| C | $5682 \times 4 = 22,728$ |
| D | $1673 \times 7 = 11,711$ |
| E | $9184 \times 5 = 45,920$ |
| F | $1635 \times 9 = 14,715$ |
| G | $3252 \times 6 = 19,512$ |
| H | $6874 \times 4 = 27,496$ |
| I | $9877 \times 8 = 79,016$ |
| J | $3758 \times 9 = 33,822$ |

| Mental | |
|--------|------------------------|
| A | $914 \times 8 = 7,312$ |
| B | $718 \times 6 = 4,308$ |
| C | $673 \times 5 = 3,365$ |
| D | $927 \times 2 = 1,854$ |
| E | $436 \times 4 = 1,744$ |
| F | $274 \times 3 = 822$ |
| G | $465 \times 9 = 4,185$ |
| H | $273 \times 2 = 546$ |
| I | $294 \times 7 = 2,058$ |
| J | $578 \times 6 = 3,468$ |

