

Day 1



A Number

A Maths Starter Of The Day



When written as a word or words, what is the smallest positive whole number containing the letter 'a'?

Day 1

$874 + 3784 =$

$8493 - 2678 =$

$637 \times 3 =$

$564 \div 10 =$

$8/12 + 9/12 =$

$37.9 + 6.009 =$

$64,000 - 127 =$

$874 \times 7 =$

$674 \div 12 =$

$5/7 + 13/14 =$

$4,756,829.8 + 84.746$

$8 - 3.597 =$

$89 \times 7932 =$

$7948 \div 12 =$

$7/9 - 3/4 =$

Answers:

| | | |
|--|--|---|
| Blue: $874 + 3784 =$ 4658 | Yellow: $37.9 +$ $6.009 =$ 43.909 | Green: $4,756,829.8$ $+ 84.746 =$ 4,756,914.546 |
| $8493 - 2678 =$ 5815 | $64,000 - 127 =$ 63,873 | $8 - 3.597 =$ 4.403 |
| $637 \times 3 =$ 1911 | $874 \times 7 =$ 6118 | $89 \times 7932 =$ 705,948 |
| $564 \div 10 =$ 56.4 | $674 \div 12 =$ 56.1 | $7948 \div 12 =$ 662.3 |
| $8/12 + 9/12 =$ 17/12 or 1 5/12 | $5/7 + 13/14 =$ 23/14 or 1 9/14 | $7/9 - 3/4 =$ 1/36 |

Day 1

< or >

$34 \times 5 \underline{\hspace{1cm}} 21 \times 8$

$948 \div 12 \underline{\hspace{1cm}} 2560 \div 10$

$672 \div 3 \underline{\hspace{1cm}} 960 \div 5$

$2.75 \times 16 \underline{\hspace{1cm}} 1104 \div 4$

$72 \times 9 \underline{\hspace{1cm}} 134 \times 5$

Day 1

< or >

$$34 \times 5 > 21 \times 8$$

$$948 \div 12 < 2560 \div 10$$

$$672 \div 3 > 960 \div 5$$

$$2.75 \times 16 < 1104 \div 4$$

$$72 \times 9 < 134 \times 5$$

Number of the Week

2.6

What can you tell me about the number 2.6?

Day 2

$2636 + 61589 =$

$5739 - 2827 =$

$354 \times 5 =$

$674 \div 10 =$

$8/9 - 2/9 =$

$97,769 + 654.756 = 649.87 + 67,483.7 =$

$100,000 - 453 = 21 - 8.846 =$

$694 \times 23 = 5764 \times 46 =$

$478 \div 12 = 8958 \div 12 =$

$5/9 + 5/6 = 7/8 - 3/12 =$

Magic Square

Each row, column and diagonal must total the number 15.

The sum is 15.

| | | |
|---|---|---|
| 2 | | |
| | 5 | 3 |
| | | |

Magic Square

Each row, column and diagonal must equal a total of 60.

The sum is 60.

| | | |
|----|--|----|
| | | 16 |
| 28 | | |
| 24 | | |

Answers:

| | | |
|--------------------------------------|--|---|
| Blue: $2636 + 61589 = 64,225$ | Yellow: $97,769 + 654.756 = 98,423.756$ | Green: $649.87 + 67,483.7 = 68,133.57$ |
| $5739 - 2827 = 2912$ | $100,000 - 453 = 99,547$ | $21 - 8.846 = 12.154$ |
| $354 \times 5 = 1770$ | $694 \times 23 = 15,962$ | $5764 \times 46 = 265,144$ |
| $674 \div 10 = 67.4$ | $478 \div 12 = 39.83$ | $8958 \div 12 = 746.5$ |
| $8/9 - 2/9 = 6/9$ or $2/3$ | $5/9 + 5/6 = 25/18$ or $1\ 7/18$ | $7/8 - 3/12 = 15/24$ or $5/8$ |

Magic squares to be continued onto day 3.

Day 3
Bish, Bash, Bosh

TTh Th H T O

TTh Th H T O

TTh Th H T O

Generate a number and
play bish bash bosh with
a family member!

Day 3

$$847 + 6565 =$$

$$7936 - 2467 =$$

$$463 \times 4 =$$

$$537 \div 12 =$$

$$8/9 + 2/9 =$$

$$958,876 + 598,785$$

$$740,000 - 1,458 =$$

$$942 \times 18 =$$

$$2386 \div 25 =$$

$$9/15 + 4/5 =$$

$$9,846.204 + 64,478.8$$

$$735.038 - 67.96 =$$

$$8,364 \times 58 =$$

$$9485 \div 28 =$$

$$3/5 + 7/10 + 5/ =$$

Day 3

Complete your magic square sheet

Answers:

Blue: $847 + 6565 = 7412$

$7936 - 2467 = 5469$

$463 \times 4 = 1852$

$537 \div 12 = 44.75/r9$

$8/9 + 2/9 = 10/9$ or $1 \frac{1}{9}$

Yellow: $958,876 + 598,785 = 1,557,661$

$740,000 - 1,458 = 738,542$

$942 \times 18 = 16,956$

$2386 \div 25 = 95.44/r11$

$9/15 + 4/5 = 21/15$ or $1 \frac{2}{5}$

Green: $9,846.204 + 64,478.86 = 74,325.064$

$735.038 - 67.96 = 667.078$

$8,364 \times 58 = 485,112$

$9485 \div 28 = 338.75/r21$

$3/5 + 7/10 = 13/10 = 1 \frac{3}{10}$



Magic Squares

SOLUTIONS

Fill in grids so that each column, row and diagonal add up to the given sum.

The sum is 15.

| | | |
|---|---|---|
| 2 | 9 | 4 |
| 7 | 5 | 3 |
| 6 | 1 | 8 |

The sum is 60.

| | | |
|----|----|----|
| 32 | 4 | 24 |
| 12 | 20 | 28 |
| 16 | 36 | 8 |

The sum is 30.

| | | |
|----|----|----|
| 4 | 18 | 8 |
| 14 | 10 | 6 |
| 12 | 2 | 16 |

The sum is 60.

| | | |
|----|----|----|
| 8 | 36 | 16 |
| 28 | 20 | 12 |
| 24 | 4 | 32 |



Magic Squares

SOLUTIONS

Fill in grids so that each column, row and diagonal add up to the given sum.

The sum is 65.

| | | | | |
|----|----|----|----|----|
| 11 | 10 | 4 | 29 | 17 |
| 18 | 12 | 6 | 5 | 24 |
| 25 | 19 | 13 | 7 | 1 |
| 2 | 21 | 20 | 14 | 8 |
| 9 | 3 | 22 | 16 | 15 |

The sum is 195.

| | | | | |
|----|----|----|----|----|
| 51 | 72 | 3 | 24 | 45 |
| 69 | 15 | 21 | 42 | 48 |
| 12 | 18 | 39 | 60 | 66 |
| 30 | 36 | 57 | 63 | 9 |
| 33 | 54 | 75 | 6 | 27 |

The sum is 260.

| | | | | |
|----|----|-----|----|----|
| 68 | 96 | 4 | 32 | 60 |
| 92 | 20 | 28 | 56 | 64 |
| 16 | 24 | 52 | 80 | 88 |
| 40 | 48 | 76 | 84 | 12 |
| 44 | 72 | 100 | 8 | 36 |

The sum is 85.

| | | | | |
|----|----|----|----|----|
| 9 | 2 | 25 | 18 | 11 |
| 3 | 21 | 19 | 12 | 10 |
| 22 | 20 | 13 | 6 | 4 |
| 16 | 14 | 7 | 5 | 23 |
| 15 | 8 | 1 | 24 | 17 |

Copyright © 2012 puzzle-positions. All rights reserved.



Magic Square

SOLUTIONS

Fill in grids so that each column, row and diagonal add up to the given sum.

The sum is 34.

| | | | |
|----|----|----|----|
| 13 | 8 | 12 | 1 |
| 2 | 11 | 7 | 14 |
| 3 | 10 | 6 | 15 |
| 16 | 5 | 9 | 4 |

The sum is 102.

| | | | |
|----|----|----|----|
| 48 | 9 | 6 | 39 |
| 15 | 30 | 33 | 24 |
| 27 | 18 | 21 | 36 |
| 12 | 45 | 42 | 3 |

The sum is 136.

| | | | |
|----|----|----|----|
| 52 | 32 | 48 | 4 |
| 8 | 44 | 28 | 56 |
| 12 | 40 | 24 | 60 |
| 64 | 20 | 36 | 16 |

The sum is 102.

| | | | |
|----|----|----|----|
| 3 | 42 | 45 | 12 |
| 36 | 21 | 18 | 27 |
| 24 | 33 | 30 | 15 |
| 39 | 6 | 9 | 48 |

Copyright © 2012 puzzle-positions. All rights reserved.

Day 4

If 26.2 is the answer...
what is the question?

Day 4

$324 + 3422 =$

$2453 - 1245 =$

$350 \times 6 =$

$345 \div 11 =$

$4/10 + 2/10 =$

$83.2 + 400.6 =$

$56,443 - 234 =$

$926 \times 21 =$

$345 \div 22 =$

$2/7 + 5/14 =$

$5,332,67.9 + 32.556 =$

$24 - 9.87 =$

$5674 \times 76 =$

$7644 \div 32 =$

$8/10 - 4/5 =$

Day 4

Use two of the number cards to complete the long division calculation.

1 5 6 8

$$\begin{array}{r} 25\ \square \\ 24 \overline{) \square 024} \end{array}$$

Multiples of 24

$$24 \times 1 = 24$$

$$24 \times 2 = 48$$

$$24 \times 5 = 120$$

Answers:

| Blue: | Yellow: | Green: |
|-----------------------|--------------------------|---|
| $324 + 3422 = 3746$ | $83.2 + 400.6 = 483.8$ | $5,332,67.9 + 32.556 =$ 533,300.456 |
| $2453 - 1245 = 1208$ | $56,443 - 234 = 56,209$ | $24 - 9.87 = 14.113$ |
| $350 \times 6 = 2001$ | $926 \times 21 = 19,446$ | $5674 \times 76 = 431,224$ |
| $345 \div 11 = 31.36$ | $345 \div 22 = 15.68$ | $7644 \div 32 = 238.875$ |
| $4/10 + 2/10 = 6/10$ | $2/7 + 5/14 = 9/14$ | $8/10 - 4/5 = 0$ |

$$\begin{array}{r} 25\boxed{1} \\ 24\boxed{6}024 \end{array}$$

