

## Number of the Week

What can you tell me about the number 14?

**14**

## Day 2

$27,759 + 3939.2 =$

$8273 - 2957 =$

$425 \times 4 =$

$789 \div 6 =$

$3/5 + 4/5 =$

$87,948 + 154.756 = 869.87 + 67,945.8 =$

$54,000 - 126 =$

$694 \times 9 =$

$478 \div 11 =$

$7/9 + 1/6 =$

$869.87 + 67,945.8 =$

$900,000 - 86,846.8 =$

$8496 \times 86 =$

$8958 \div 11 =$

$3/8 + 3/4 + 15/32 =$

## Day 2

Jack is calculating  $2,240 \div 7$

He says you can't do it because 7 is larger than all of the digits in the number.

Do you agree with Jack?  
Explain your answer.

## Day 2 Answers:

<b>Blue:</b> $27,759 + 3939.2 = 31698.2$	<b>Yellow:</b> $87,948 + 154.756 = 88102.756$	<b>Green:</b> $869.87 + 67,945.8 = 68815.67$
$8273 - 2957 = 5316$	$54,000 - 126 = 53874$	$900,000 - 86,846.8 = 813153.2$
$425 \times 4 = 1700$	$694 \times 9 = 6246$	$8496 \times 86 = 730656$
$789 \div 6 = 131.5r3$	$478 \div 11 = 43.45$	$8958 \div 10 = 895.8$
$3/5 + 4/5 = 1\ 2/5$	$7/9 + 1/6 = 17/18$	$3/8 + 3/4 + 15/32 = 1\ 19/32$

### Word problem answer:

Jack is wrong. Just because 7 is a larger digit than 0,2, and 4 does not mean that you cannot divide by 7.

### Day 3

How can you reach the target number of 35 using the digits available?

5	11	2	10
6	4	5	3
10	3	9	4
6	12	8	12

Target **35**

### Day 3

$28874 + 6589 =$

$16386 - 2338 =$

$216 \times 5 =$

$645 \div 5 =$

$4/8 + 3/4 =$

$719,579 + 499,899 =$

$320,000 - 458 =$

$952 \times 8 =$

$2386 \div 7 =$

$9/10 + 8/5 =$

$9,568.089 + 87,769.86 =$

$938.234 - 98.96 =$

$8,946.3 \times 67 =$

$9485 \div 12 =$

$5/7 + 2/5 + 12/7 =$

### Day 3

Muffins are packed in trays of 6 in a factory.  
In one day, the factory makes 5,623 muffins.  
How many trays do they need?  
How many trays will be full?  
Why are your answers different?

### Day 3 Answers:

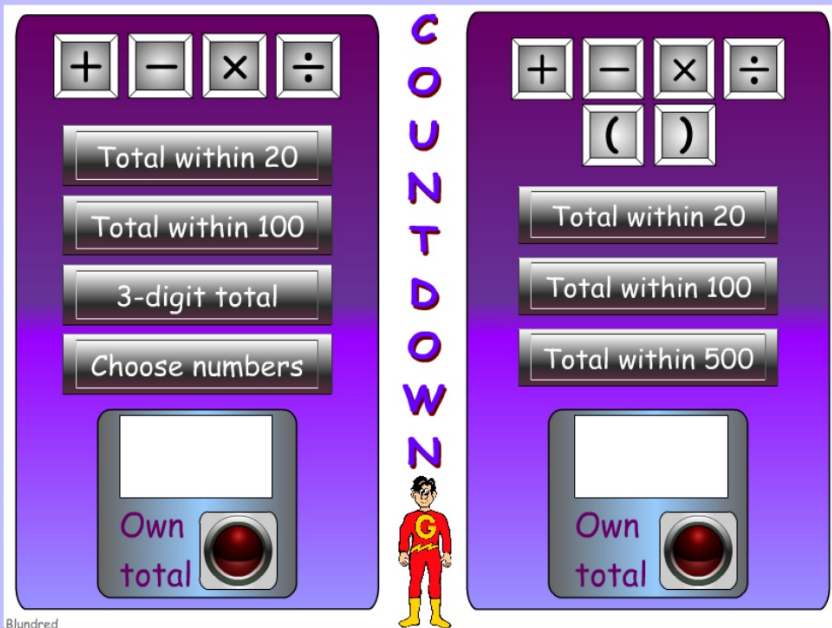
<b>Blue:</b> $28874 + 6589 = 35463$	<b>Yellow:</b> $719,579 + 499,899 = 1219478$	<b>Green:</b> $9,568.089 + 87,769.86 = -183450.75$
$16386 - 2338 = 14048$	$320,000 - 458 = 319542$	$938.234 - 98.96 = -839.274$
$216 \times 5 = 1080$	$952 \times 8 = 7616$	$8,946.3 \times 67 = 599402.1$
$645 \div 5 = 129$	$2386 \div 12 = 198.83$	$9485 \div 14 = 677.5$
$4/8 + 3/4 = 1 1/4$	$9/10 + 8/5 = 2 1/2$	$5/7 + 2/5 + 12/7 = 2 29/35$

Word problem answer:  
The factory need 938 trays.  
937 trays will be completely full. The answer is 937 r1.

## Day 4

Use the link provided to play the countdown game

<https://www.topmarks.co.uk/Flash.aspx?f=countdowntimer3>



Blundred

### Day 4

$19898 + 3434 =$

$18749 - 1592 =$

$364 \times 5 =$

$483 \div 5 =$

$4/5 + 3/10 =$

$68,764.8 + 835.095 =$

$21 - 7.7 =$

$2354 \times 6 =$

$1483 \div 7 =$

$9/15 + 4/5 =$

$9.469 + 65,857.74 =$

$1,000,000 - 73,738 =$

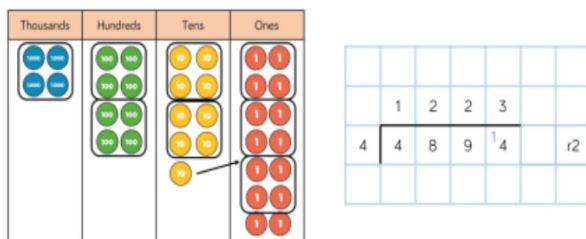
$567 \times 46 =$

$7638 \div 12 =$

$3/4 + 7/10 + 8/15 =$

## Day 4

Here is a method to solve 4,894 divided by 4 using place value counters and short division.



Use this method to calculate:

$$6,613 \div 5$$

$$2,471 \div 3$$

$$9,363 \div 4$$

## Day 4 Answers:

<b>Blue:</b> $19898 + 3434 = \mathbf{23332}$	<b>Yellow:</b> $68,764.8 + 835.095 = \mathbf{69599.8}$	<b>Green:</b> $9.469 + 65,857.74 = \mathbf{65867.2}$
$18749 - 1592 = \mathbf{17157}$	$21 - 7.7 = \mathbf{13.3}$	$1,000,000 - 73,738 = \mathbf{926262}$
$364 \times 5 = \mathbf{1820}$	$2354 \times 6 = \mathbf{14124}$	$567 \times 46 = \mathbf{26082}$
$483 \div 5 = \mathbf{96.6}$	$1483 \div 11 = \mathbf{134.81}$	$7638 \div 12 = \mathbf{636.5}$
$4/5 + 3/10 = \mathbf{1\ 1/10}$	$9/15 + 4/5 = \mathbf{1\ 6/15}$	$3/4 + 7/10 + 8/15 = \mathbf{1\ 59/60}$

Extension task answers:

1322 r3

823 r3

2390 r3

**Day 5**

**Can you divide and multiply the  
following numbers by 10,100 and  
1000?**

**75420**

**83231**

**95536**

**97756**

## Day 5

$7346 + 1628 =$

$749 + 2439 =$

$7495 - 689 =$

$9384 - 2758 =$

$264 \times 5 =$

$86,465.8 + 386.068$

$12 - 6.66 =$

$1245 \times 6 =$

$876 \div 7 =$

$12/15 + 3/5 =$

$7.879 + 34,896.74 =$

$1,000,000 - 63,895 =$

$658 \times 86 =$

$3578 \div 11 =$

$3/4 + 9/10 - 1/15 =$

## Day 5 Answers:

<b>Blue:</b> $7346 + 1628 = 8974$	<b>Yellow:</b> $86,465.8 + 386.068 = 86851.8$	<b>Green:</b> $7.879 + 34,896.74 = 34904.619$
$749 + 2439 = 3188$	$12 - 6.66 = 5.34$	$1,000,000 - 63,895 = 936105$
$7495 - 689 = 6806$	$1245 \times 6 = 7470$	$658 \times 86 = 56588$
$9384 - 2758 = 6626$	$876 \div 7 = 125.14$	$3578 \div 14 = 255.57$
$264 \times 5 = 1320$	$12/15 + 3/5 = 1$ $12/15$	$3/4 + 9/10 - 1/15 = 33/20 = 17/12$

