



DAY THREE

Mental Maths Warm Up

Multiply seventy by ten. _____

It is 494 miles from London to Nice. Round this distance to the nearest ten miles. _____

What fraction of one pound is fifty pence? _____

Write in grams 0.6 kg. _____

An apple cost 27 pence. An orange costs 52 pence. How much are they altogether? _____

What must I add to 54 to make 93? _____

What is double 39? _____

What is 14 multiplied by 5? _____

How many minutes are there in $1\frac{1}{2}$ hours? _____

A jigsaw costs 65p. How many can you buy for £2? _____

How many millilitres are equivalent to 5 litres? _____

What is $8.5 + 1.4$?

Find the total of 8.5 and 1.4

What is 1.4 more than 8.5?

Find the sum of 8.5 and 1.4

**What I noticed
was**

1.114	2.554	1.257	1.101
0.483	0.342	1.517	0.973
1.569	2.473	0.886	1.446
3.658	1.027	2.899	0.431

Can you find any pairs of numbers that total 2?

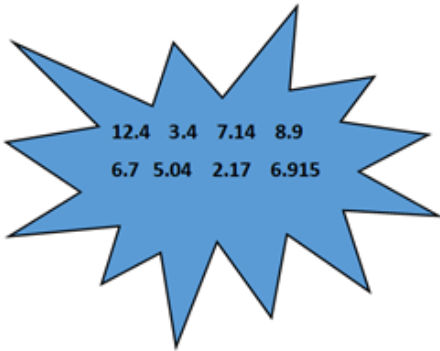
Can you find another four that total 4?

What are the largest and smallest totals you can find by adding 2 numbers?

What is the nearest total to 3 that you can make using 2 numbers?

Main Maths Activity

Fill in the missing box: $2.645 = 2 + 0.6 + 0.04 +$



Round the decimals to the nearest whole number.

Can you find 5 decimal numbers that would round to 13?

Put these calculations in order from smallest to largest.

100×540

5.4×100

$5400 \div 10$

$5400 \div 1000$

$540 \div 10$



1.007 is bigger than
1.01 because 7 is
bigger than 1.

Do you agree?

Explain why.

Which calculation is the odd one out?

Prove that you are correct!

A $84,251 \times 100$

B 842.51×10

C $8,425 \div 10$

D $842,510 \div 100$

By using a number from column A, an operation from B and a number from C, how many ways can you make 70?

A	B	C
7	X	1
70		10
700	÷	100
7000		1000

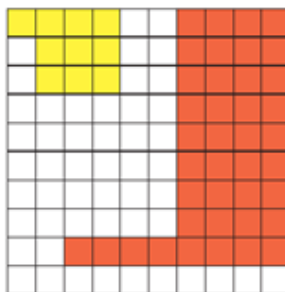
Work out the value of each symbol

$$7 \times 10 \times 10 \times \star \times 10 = 21000$$

$$\star \times 100 \times \blacktriangle = 30000$$

$$\blacksquare \times \star \div \blacktriangle = 3.6$$

Express the yellow section of the grid in hundredths, tenths, as a decimal.
Do the same for the red section.



Convince me that one eighth is larger than one eightieth!

Use decimals to do this.