



DAY TWO

Mental Maths Warm Up

Multiply eighty three by ten. _____

It is 127 miles from London to Birmingham. Round this distance to the nearest ten miles. _____

What fraction of one pound is thirty pence? _____

What is 10% of £2? _____

What is fifty two subtract forty seven? _____

What is half of 86? _____

Cans of pop cost 25p. How much would six cans cost? _____

How many seconds are there in 2 minutes? _____

It costs 80p for a child to swim. How much does it cost for 6 children to swim? _____

How many grams are equivalent to 4kg? _____

Do, then explain

Circle each decimal which when rounded to one decimal place is 6.2.

6.32 6.23 6.27 6.17

Explain your reasoning. _____

Complete the pattern

<u>71</u> hundredths	____ hundredths	____ hundredths	<u>14</u> hundredths
0.71	0.81	0.6	

Complete the table. □

Do, then explain

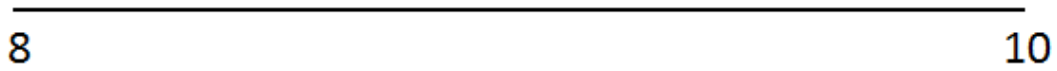
Circle each decimal which when rounded to the nearest whole number is 5.

5.3 5.7 5.2 5.8

Explain your reasoning. _____

Main Maths Activity

Can you prove that 8.9 is smaller than 9.8 using this number line?



Which of the following is false? Convince me!

- 1.009 < 1.09
- 1.249 > 1.25
- 1.35 > 1.053

The strategy I used was
I chose this strategy because.....

Which of these numbers is closest in value to 0.4? Explain why.

- 0.04
- 0.45
- 0.42
- 0.49
- 0.37

I think that....
because....



Find the difference between letters A and B.

True or False?

In all of the numbers below, the digit 6 is worth more than 6 hundredths.
Use the place value grid to help you.

3.6

3.063

3.006

6.23

7.761



ones	decimal point	tenths	hundredths	thousandths
	.			
	.			
	.			
	.			
	.			

Fill in the table below. Here are some tips!

$$10 \times 0.49 = 04.9 = 4.9$$



Move the decimal point one step to the right (10 has one zero).

$$100 \times 2.65 = 265. = 265$$



Move the decimal point two steps to the right (100 has two zeros). The number 265. is 265 (as shown above).

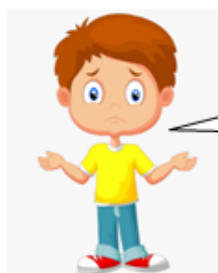
$$1000 \times 0.370 = 370. = 370$$



1000 means we move the point three steps. Write a zero at the end of 0.37 so that the decimal point can "jump over to" that place.



	$\times 10$	$\times 100$	$\times 1000$
0.1			
3.42			
5.36			
1.872			



To multiply by 100, you should add two zeros.

Do you agree with George?

Explain your thinking.