

Mental Maths Warm Up



DAY ONE

Write the number four thousand, five hundred and twenty nine in words.

Multiply thirty seven by ten. _____

It is forty three miles from London to Oxford. Round this distance to the nearest ten miles. _____

What fraction of one pound is ten pence? _____

Write in centimetres one point three five metres. _____

What is forty three subtract thirty six? _____

What is 27 multiplied by 3? _____

How many hours are there in 2 days? _____

What is the total cost of a £2.50 book and a £3.20 game? _____

How many centimetres are equivalent to 1.6m? _____

Ones	Tenths	Hundredths	Thousandths
	0.1 0.1 0.1 0.1	0.01	0.001 0.001

Use this place value chart to help answer the questions.

- What number is one hundredth more? _____
- Add 0.3, what number do you have now? _____
- How many more thousandths can I add before the hundredths digit changes? _____

Millions			Thousands			Ones		
100s	10s	1s	100s	10s	1s	100s	10s	1s
		2	4	0	5	7	3	6

Can you write the number above in words?

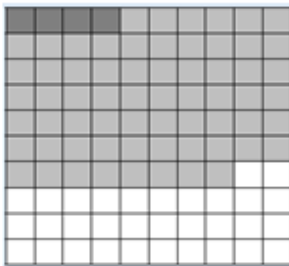
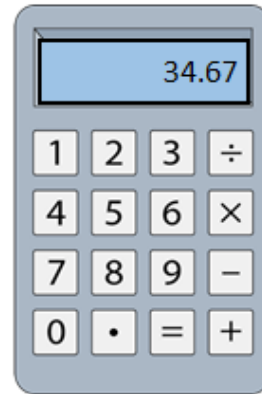
Main Maths Activity

Decimals

What would you need to add to this number to equal 35?

What would you need to subtract from this number to equal 25?

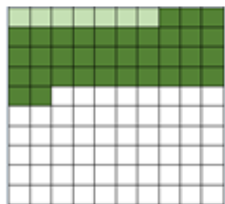
What would you need to add to this number to equal 36.5?



Each box represents 1 hundredth of the whole.

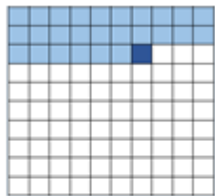
This square shows the calculation shaded and added.

$$0.04 + 0.64 = 0.68$$



Each box in this hundred square represents 1 hundredth of the whole.

What addition calculation is being shown and what is the answer? _____

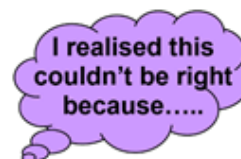


Each box in this hundred square represents 1 hundredth of the whole.

What addition calculation is being shown and what is the answer? _____

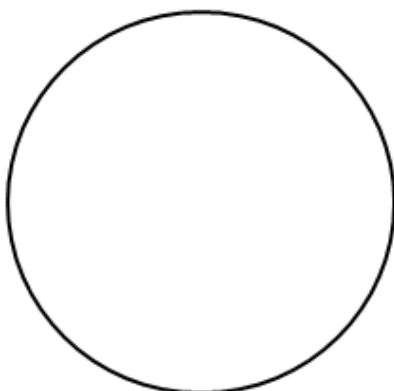
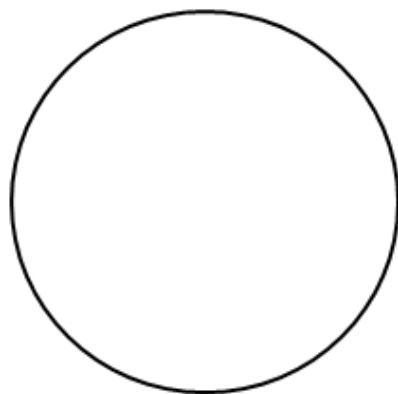
$$3.4 + 0.05 = 3.9$$

What advice would you give a friend who answered this calculation?



Correctly written

Incorrectly written

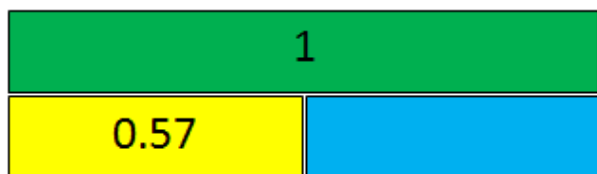
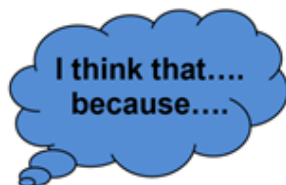


Can you sort these decimals in the correct circle?

6,439.1
10, 45.89
763,148
4,826,591
736,1.8
185,72

$$\begin{array}{r} \text{£}0.55 \\ +\text{£}9.36 \\ \hline \text{£}14.86 \end{array}$$

You are checking your friend's homework for them and see that they have made a mistake on this decimal column addition. What part/step of the calculation needs to be changed?



What number is missing from the bar model?

Compare the number sentences using $<$, $>$ or $=$.

$0.7 + 0.03 + 0.001$ $0.07 + 0.3 + 0.1$

$0.4 + 0.1 + 0.05$ $0.3 + 0.2 + 0.05$

$0.2 + 0.05 + 0.005$ $0.5 + 0.2 + 0.05$