

# HELLO!

**Today we are going to revise addition and subtraction**

# Arithmetic Warm Up

## Multiplication

Use the space  
under each  
question to  
show your  
working out.

1.  $58 \times 78 =$

2.  $0.0045 \times 1000 =$




$$\begin{array}{r} 58 \\ \times 78 \\ \hline \\ \hline \end{array}$$

3.  $4 \times \frac{2}{3} =$

# Revision on addition and subtraction



Today we are going to revise how to:

-  add and subtract whole numbers and decimal numbers using the column method
-  use knowledge of addition and subtraction to solve puzzles
-  solve addition and subtraction worded problems

# Revision: Addition and Subtraction



Solve these calculations using the quickest method!  
Explain how you work out the answer!

What is  
important to  
remember when  
setting out  
column  
addition?

1.

$$4985 + 37$$

2.

$$17 - 4.05$$



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# Question 1



Complete

What do you  
notice?

Write the four missing digits to make this **addition** correct.

$$\begin{array}{r}
 \boxed{\phantom{0}} \boxed{6} \boxed{\phantom{0}} \boxed{8} \\
 + \quad \boxed{3} \boxed{\phantom{0}} \boxed{9} \boxed{\phantom{0}} \\
 \hline
 \boxed{9} \boxed{0} \boxed{1} \boxed{9}
 \end{array}$$

Can you  
show your  
working out?

What do you  
know?

How could  
you extend  
the question?



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## Question 2



Complete



What do you  
notice?

A.  $2.5 + 0.05 =$

What do you  
know?



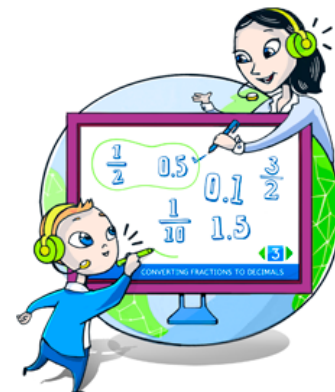
Can you  
show your  
working out?

B  $12 - 6.01 =$

How could  
you extend  
the question?

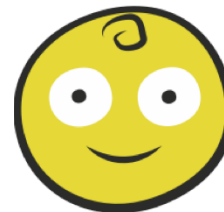


## Let's review:



**I can complete addition and subtraction of whole numbers and decimals using the column method.**

Draw a circle around the smiley face to show how you feel about what we've just been doing.



Is there something you would like to go over before we move on?

# Revision: Puzzles

Puzzles allow us to use our understanding and logic to help us to find the answers.

What would you first think about when starting this question?



This puzzle involves missing signs.

6

In these calculations, each missing sign is a  $+$  or a  $-$

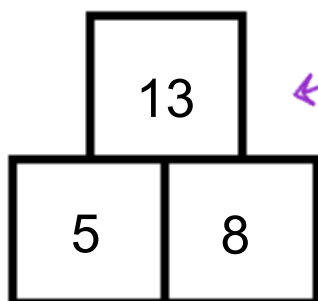
Write the missing signs in the circles.



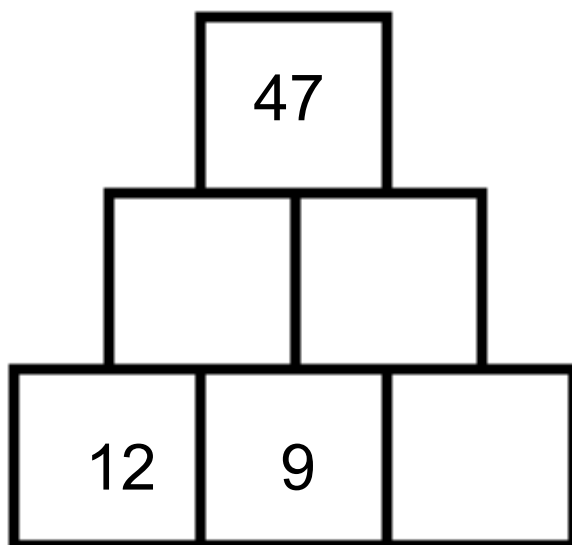
$$8 \bigcirc 7 \bigcirc 6 \bigcirc 5 = 4$$



# Revision: More puzzles



The square above is the sum of the two squares directly below.



Complete the missing numbers.



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## Question 3



Complete

What do you  
notice?

Here are five digit cards.



Use all five digit cards once to make this sum correct.

$$\begin{array}{r}
 \text{[ ]} \\
 \text{[ ] [ ]} \\
 \text{[ ] [ ]} \\
 + \\
 \hline
 60
 \end{array}$$

What do you  
know?

Can you  
show your  
working out?

How could  
you extend  
the question?



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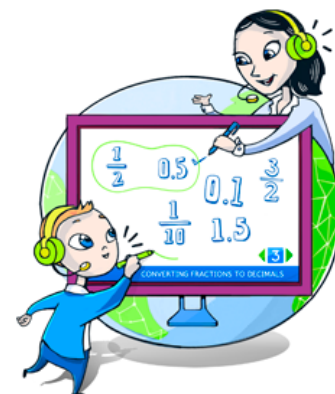
## Question 4



Complete

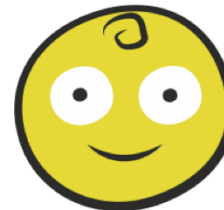
<p> What do you notice?</p>	<p>What's my number?</p> <div data-bbox="938 508 1238 655"> <table border="1"> <tr> <td>?</td> <td>?</td> <td>?</td> </tr> </table> </div> <p>It is a three-digit number.</p> <p>All the digits are odd.</p> <p>The digits add up to 7</p> <div data-bbox="517 1008 1041 1068"> <p>What could my number be?</p> </div> <div data-bbox="1137 1008 1508 1158"> <table border="1"> <tr> <td></td> <td></td> <td></td> </tr> </table> </div>	?	?	?				<p>What do you know? </p>
?		?	?					
<p> Can you show your working out?</p>	<p>How could you extend the question? </p>							

## Let's review:



**I can use knowledge of addition and subtraction to solve puzzles**

Draw a circle around the smiley face to show how you feel about what we've just been doing.



Is there something you would like to go over before we move on?

## Revision: Worded problem



Look for numbers



Look for key words! Could you draw out the problem?



Tariq has 98p. He spends 45p. How much money does he have left?

Is it addition or subtraction? How do you know?



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## Question 5



Complete



What do you  
notice?

Liam buys **two** apples.

He pays with a £1 coin and gets 64p change.



How much does **one** apple cost?

What do you  
know?



Can you  
show your  
working out?

How could  
you extend  
the question?



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## Question 6



Complete

What do you notice?

What do you know?



Can you show your working out?

How could you extend the question?

Tom and Nadia have 16 cards each.

Tom gives Nadia **12** of his cards.

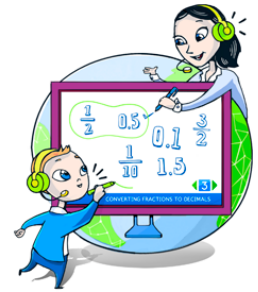
How many cards do Tom and Nadia each have now?



Tom

Nadia

## Let's review:



**I can use knowledge of addition and subtraction to solve puzzles**



**I can understand and solve word problems involving addition and subtraction**

Draw a circle around the smiley face to show how you feel about what we've just been doing.



Is there something you would like to go over before we move on?