

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.

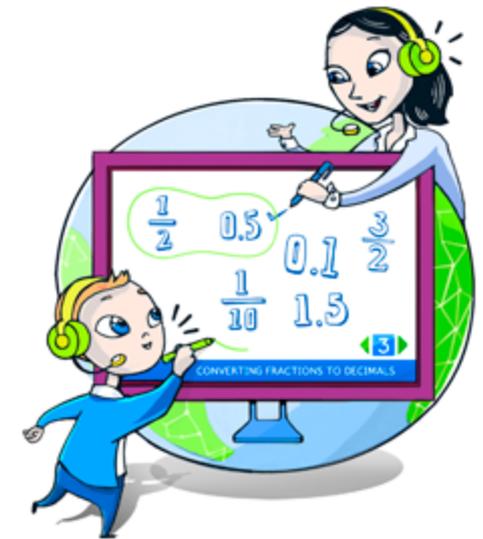
1. $58 \times 78 =$

2. $0.0045 \times 1000 =$

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

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

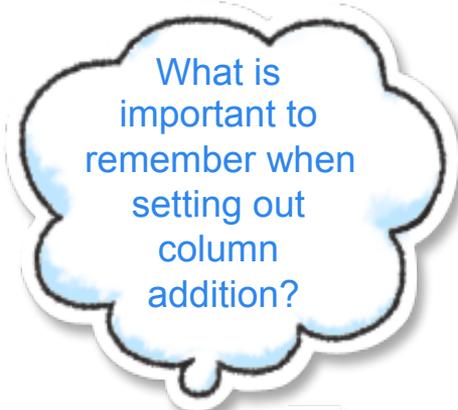
Revision on addition and subtraction



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



What is
important to
remember when
setting out
column
addition?



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

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.

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

What do you know?

Can you show your working out?

How could you extend the question?



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Question 2



Complete

 What do you notice?

A. $2.5 + 0.05 =$

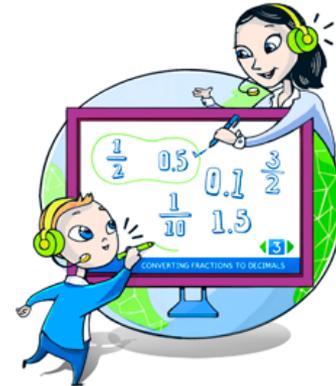
What do you know? 

 Can you show your working out?

B $12 - 6.01 =$

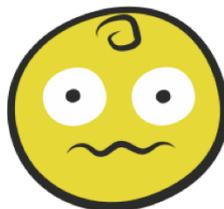
How could you extend the question? 

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

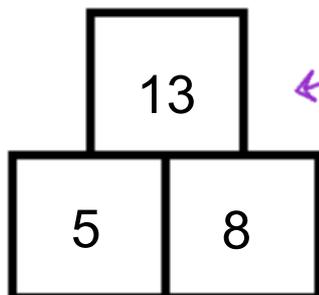
In these calculations, each missing sign is a $+$ or a $-$

Write the missing signs in the circles.

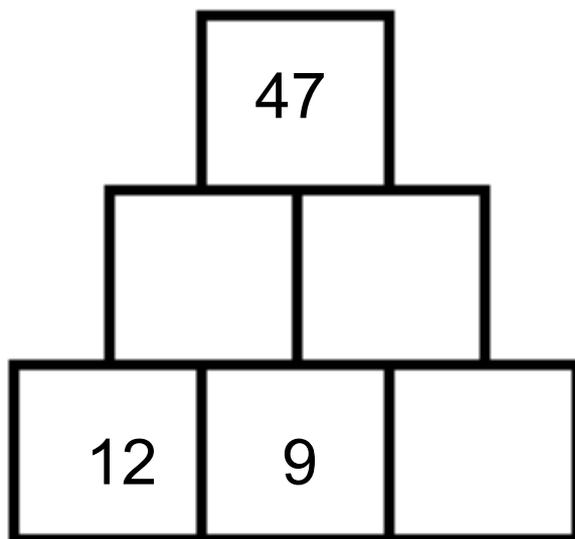


$$8 \bigcirc 7 \bigcirc 6 \bigcirc 5 = 4$$

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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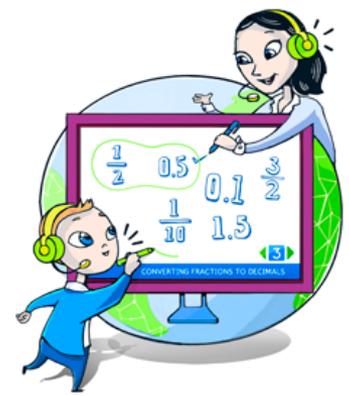
Question 4



Complete

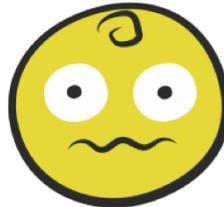
<p> What do you notice?</p>	<p>What's my number?</p> <table border="1" data-bbox="937 506 1236 649"> <tr> <td style="width: 30px; height: 30px; text-align: center;">?</td> <td style="width: 30px; height: 30px; text-align: center;">?</td> <td style="width: 30px; height: 30px; text-align: center;">?</td> </tr> </table> <p>It is a three-digit number.</p> <p>All the digits are odd.</p> <p>The digits add up to 7</p> <p>What could my number be?</p> <table data-bbox="1207 1006 1506 1156"> <tr> <td style="width: 30px; height: 30px;"></td> <td style="width: 30px; height: 30px;"></td> <td style="width: 30px; height: 30px;"></td> </tr> </table>	?	?	?				<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.

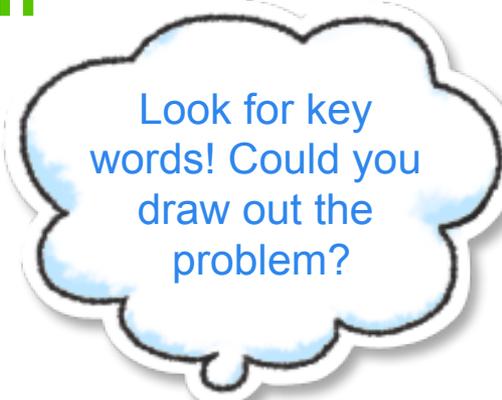


Is there something you would like to go over before we move on?

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.

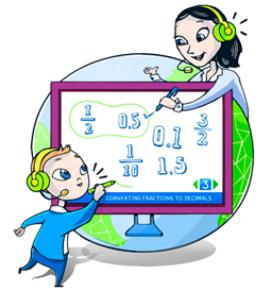
How many cards do Tom and Nadia each have now?



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?