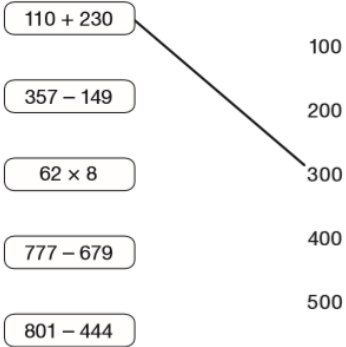
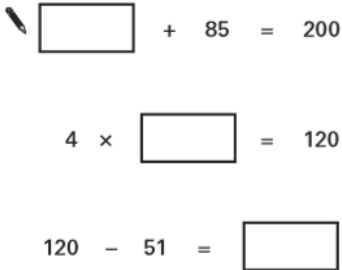
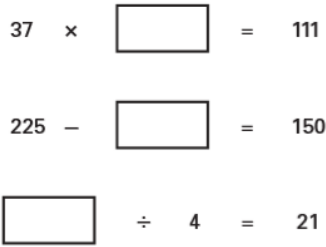


Lesson 1 Reasoning and Problem Solving

L.O: I am learning to answer SATs questions involving the four operations.

Try your best – it is all we can ask for! 😊

Key vocabulary: addition, subtraction, multiplication, division, calculate, find, missing, inverse, operation, reasoning, solve.	Your answer
<p>Join each of these calculations to the number that is nearest to the correct answer.</p> <p>One has been done for you.</p>  <p>110 + 230</p> <p>357 – 149</p> <p>62 × 8</p> <p>777 – 679</p> <p>801 – 444</p> <p>100</p> <p>200</p> <p>300</p> <p>400</p> <p>500</p> <p>[2 marks]</p>	
<p>Write in the missing numbers.</p>  <p>$\square + 85 = 200$</p> <p>$4 \times \square = 120$</p> <p>$120 - 51 = \square$</p> <p>[2 marks]</p>	
<p>Write in the missing numbers.</p>  <p>$37 \times \square = 111$</p> <p>$225 - \square = 150$</p> <p>$\square \div 4 = 21$</p> <p>[2 marks]</p>	

Week 7_Maths_Lesson 1

Use each number card once to make the answer to each calculation an even number.



 $5 \times \square$

$12 \div \square$

$9 + \square$

The signs are missing from these number sentences.

Write in the missing signs, + - x or ÷

The first has been done for you.


$6 \times 5 = 40 - 10$

$20 \bigcirc 8 = 4 \bigcirc 7$

$21 \bigcirc 3 = 15 \bigcirc 8$

[2 marks]

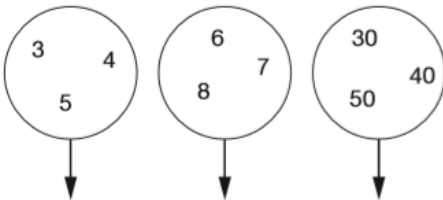
Write in the missing numbers.

 $3 \times 4 \times \square = 96$

$\square + 62 - 46 = 96$

[2 marks]

Write one number from each circle to make this calculation correct.

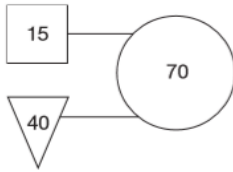


 $\square \times \square - \square = 0$

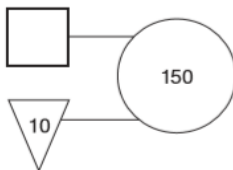
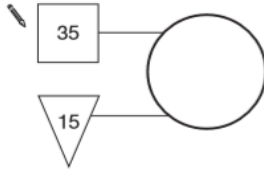
Week 7_Maths_Lesson 1

In this diagram the rule is

**'double the number in the square
and add the number in the triangle
to make the number in the circle'.**



Use the same rule to write in the missing numbers below.



[2 marks]

Here are five calculations.

For each, put a tick (✓) in the box if the answer is **greater than 450**
Put a cross (✗) if it is not.

One has been done for you.

	greater than 450
46×10	<input checked="" type="checkbox"/>
$149 + 137 + 158$	<input type="checkbox"/>
$911 - 447$	<input type="checkbox"/>
$863 \div 2$	<input type="checkbox"/>
$16 \times 28\frac{1}{2}$	<input type="checkbox"/>

[2 marks]

Write the missing numbers to make these calculations correct.

$$200 \times \boxed{} - 200 = 200$$

$$(100 - \boxed{}) \times 100 = 100$$

[2 marks]

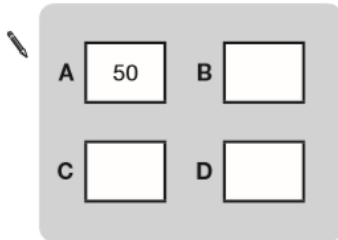
Week 7_Maths_Lesson 1

The number in **A** is **twice** the number in **D**.

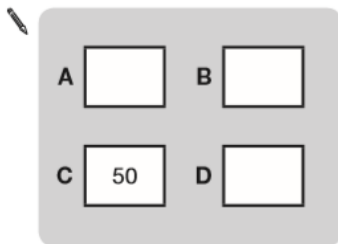
The number in **B** is **5 less** than the number in **C**.

The number in **D** is **10 more** than the number in **B**.

Write the missing numbers in this diagram.



Now use the same rule for this diagram.



[2 marks]