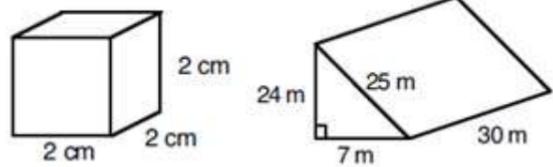
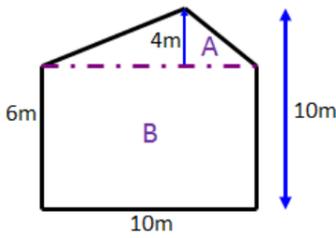
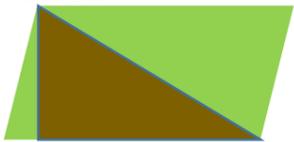


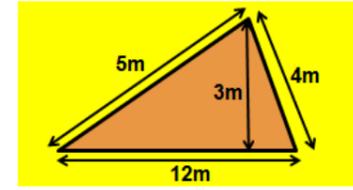
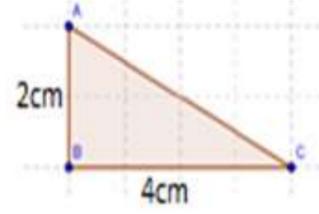
Percentage	I can ...	Prove it!
	<ul style="list-style-type: none"> I can calculate the surface area of a cuboid. I can calculate the surface area of a prism. 	<p>1) Calculate the surface area of the shapes below:</p> <p>1.</p>  <p>2) Miss Boothman wants to wrap a present that is 15cm wide, 18cm deep and 4cm high. How much wrapping paper will she need to use?</p>
	<ul style="list-style-type: none"> I can express a number in standard form. I can multiply and divide numbers in standard form. 	<p>1) In your book write the following as normal numbers</p> <p>a) 4.5×10^3 b) 4.5×10^5 c) 4.5×10^{-2} d) 4.5×10^{-6}</p> <p>2) Calculate and leave your answer in standard form: $(4 \times 10^2) \times (6 \times 10^3)$</p>
	<ul style="list-style-type: none"> I can divide decimal numbers 	<p>1) Divide the amount of people in the room by 0.1</p> <p>2) Complete the following sentence... "Dividing by 0.1 is the same as....."</p> <p>3) a) $2.48 \div 0.02$ b) $0.63 \div 0.03$ c) $0.95 \div 0.05$</p> <p>4) Check your answers using a calculator</p>
	<ul style="list-style-type: none"> I can multiply two decimals 	<p>1) a) $0.8 \times 7 =$ b) $0.5 \times 7 =$ c) $0.1 \times 6 =$</p> <p>2) a) $0.2 \times 0.5 =$ b) $0.4 \times 0.7 =$ c) $0.8 \times 0.1 =$</p> <p>3) a) $1.6 \times 0.5 =$ b) $1.7 \times 0.2 =$ c) $1.3 \times 0.7 =$</p> <p>4) Check your answers using a calculator</p>
	<p>6.4 I can solve problems with compound shapes.</p>	<p>1) Calculate area of the compound shape below:</p>  <p>2) Below is a proposed design for a flower bed at the OASB farm. If there is 40m^2 of turf (in green) available calculate the possible dimensions of the flowerbed:</p> 

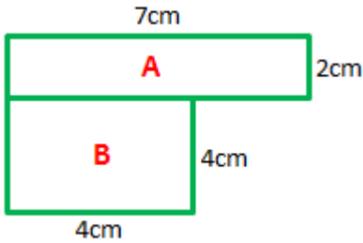
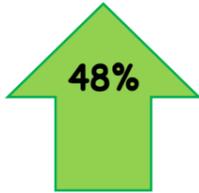




6.3 I can find the area of a triangle.

1) Calculate the area of the triangles below:



Percentage	I can ...	Prove it!
 <p>60%</p>	<p>7.2 I can find the highest common factor (HCF) of a pair of integers.</p>	<p>1) a) List all the factors of 24 and 30 a) Circle the common factor pairs of 24 and 30 b) Which of these numbers is the highest?</p>
 <p>56%</p>	<p>6.4 I can calculate the area of a compound shape.</p>	<p>1) Calculate the area of the shape below:</p> 
 <p>52%</p>	<p>7.6 I can calculate the mean of a set of numbers. 7.7 I can solve worded problems involving the mean.</p>	<p>1) Calculate the mean of the data set below: 6, 7, 5, 4, 4, 4</p> <p>2) In Inclusion B, 4 students get 5 merits, 6 students get 2 merits and the other 10 get 6 merits. What is the mean amount of merits received by the students? (*Remember to round your answer, you can't get half a merit!)</p>
 <p>48%</p>	<p>7.1 I can find factors of a number up to 144.</p>	<p>1) List all the factor pairs of 24: 2) True/False- Is a factor of a number always smaller than the number itself? Explain your answer. 3) In the list below, circle the factors of 100</p> <p style="text-align: center;">30, 10, 5, 4, 18, 7, 25</p>
 <p>44%</p>	<p>7.3 I can divide two integers with a decimal remainder. 7.4 I can divide two integers with a decimal remainder 7.5 I can divide any two integers using long division</p>	<p>1) Divide 65.00 by 4 using the bus stop method. 2) Complete the division below:</p> 

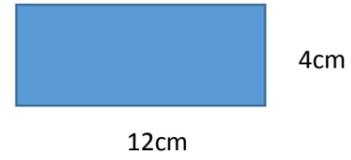


What is multiplication?



- 6.1 I can find the area of a shape
- 6.2 I can find the area of a rectangle

1) Calculate the area of the shape below:



2) Miss Cairns' rectangular classroom is 5m wide. If it has an area of 30m^2 , how long is the classroom?



Percentage	I can ...	Prove it!
	<p>5.5 I can multiply a decimal by an integer</p> <p>5.2 I can multiply two integers using the column method</p>	<p>1) Tracy gets paid £5.68 an hour. If she works for seven hours, how much money will she earn?</p> <p>2) Calculate 4.2×9</p> <p>3) Multiply 362 by 28 using the column method</p>
	<p>5.3 I can use bar models to solve multiplication problems</p> <p>5.4 I can solve worded multiplication problems.</p>	<p>1) Mr Holmes wants to make each of his 20 students in his house group a cupcake. He uses 4 baking trays with 4 cupcakes on each. Will he have enough cakes?</p>
	<p>5.1 I can find the first 5 multiples of a number</p>	<p>1) List the first 5 multiples of 6.</p> <p>2) What are the first 5 multiples of 13?</p>

Key Words:

Area

Length

Width

Perpendicular height

Decimal

Multiply

Divide

Factor

Multiple

Compound

Mean

Integer

