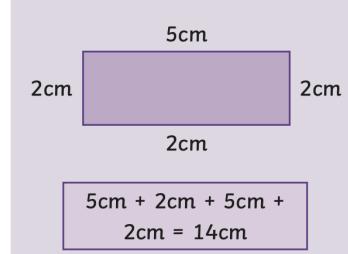
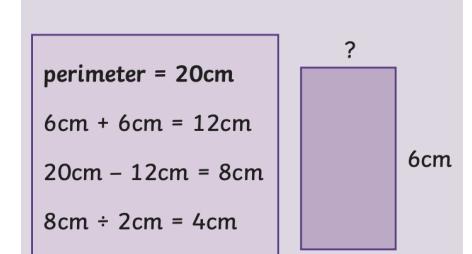
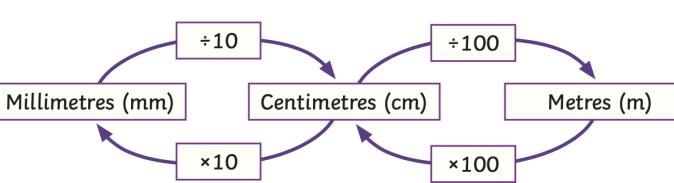




# Year 3 Length and Perimeter

Key vocabulary		Calculating with lengths								
<b>height</b>	the distance from the bottom to the top of something standing upright.	Adding money	<ol style="list-style-type: none"><li>1. Make sure they are in the same units; either millimetres, centimetres or metres.</li><li>2. Write them in columns, leaving a square for your decimal point if your numbers are in pounds.</li><li>3. Add each column up as normal.</li><li>4. Put in your units for your final answer.</li></ol>							
<b>length</b>	the measured distance from one end to the other of the longer or longest side of an object.	Subtracting money	<ol style="list-style-type: none"><li>1. Make sure they are in the same units; either millimetres, centimetres or metres.</li><li>2. Write them in columns, leaving a square for your decimal point if needed.</li><li>3. Subtract each column as normal.</li><li>4. Put in your units for your final answer.</li></ol>							
<b>width</b>	The measurement of the distance of a side of an object. Usually this is the shorter side while the length is the longer side.									
<b>perimeter</b>	Perimeter is the distance around the outside of a shape. Perimeter is found by adding together the length of all a shape's sides. The lines around the edge of a soccer field show the perimeter of the field.									
How to convert		Perimetre								
<b>Centimetres into millimetres</b>	To convert millimetres into centimetres you multiply the number by 10. This is because there are 10 millimetres in a centimetre. e.g. $2 \text{ cm} = 2 \times 10 = 20 \text{ mm}$									
<b>Millimetres into centimetres</b>	To convert centimetres into millimetres you divide the number by 10. This is because there are 10 millimetres in a centimetre. e.g. $30 \text{ mm} = 30 \div 10 = 3 \text{ cm}$									
<b>Centimetres into metres</b>	To convert metres into centimetres you multiply the number by 100. This is because there are 100 centimetres in a metre. e.g. $5 \text{ m} = 5 \times 100 = 500 \text{ cm}$									
<b>Metres to centimetres</b>	To convert centimetres into metres you divide the number by 100. This is because there are 100 centimetres in a metre. e.g. $500 \text{ cm} = 500 \div 100 = 5 \text{ m}$									
Equivalent Lengths										
$100 \text{ centimetres} = 1 \text{ metre}$		$10 \text{ millimetres} = 1 \text{ centimetre}$								
		<table border="1"><tr><td>317cm</td></tr><tr><td>300cm</td><td>17cm</td></tr><tr><td>3m</td><td>17cm</td></tr><tr><td>3m 17cm</td><td></td></tr></table>		317cm	300cm	17cm	3m	17cm	3m 17cm	
317cm										
300cm	17cm									
3m	17cm									
3m 17cm										