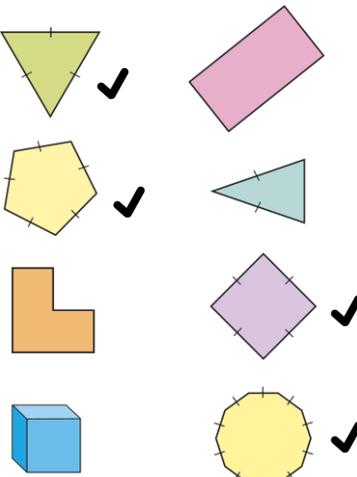


**Y4 – Spring – Block 2 – Step 8 – Perimeter of regular polygons Answers**

Question	Answer
1	 <p>Regular polygons are 2-D shapes with all the sides equal and all the angles equal.</p>
2	<p>a) <math>5\text{ cm} + 5\text{ cm} + 5\text{ cm} = 15\text{ cm}</math> The perimeter is <b>15 cm</b>.</p> <p>b) <math>4\text{ m} + 4\text{ m} + 4\text{ m} + 4\text{ m} + 4\text{ m} = 20\text{ m}</math> The perimeter is <b>20 m</b>.</p> <p>c) <math>6\text{ cm} + 6\text{ cm} + 6\text{ cm} + 6\text{ cm} = 24\text{ m}</math> <math>4 \times 6\text{ cm} = 24\text{ cm}</math> The perimeter is <b>24 cm</b>.</p>
3	<p>a) 21 cm b) 36 cm c) 24 cm d) 96 cm</p>
4	<p>No The rectangles have the same height, but are different lengths, so their perimeters will be different.</p>
5	<p>7 cm</p>
6	<p>a) 24 cm b) multiple possible answers, e.g.</p> 