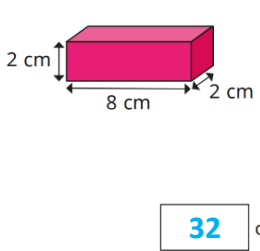
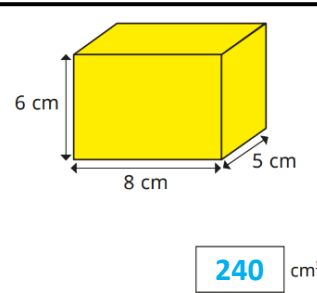


Y6 – Spring – Block 5 – Area, perimeter and volume A – Answers

Question	Answer	Marks	Notes and guidance
1		2	Award 1 mark for 2 correct answers with no more than 1 incorrect answer.
2		1	Accept slight inaccuracies if the intention is clear.
3		2	Award 1 mark for each correct answer.
4	<p>8 cm²</p> <hr/> <p>7.5 mm²</p> <hr/> <p>18 cm²</p> <hr/> <p>20 m²</p>	4	Award 1 mark for each correct answer.

Y6 – Spring – Block 4 – Area, perimeter and volume A – Answers (continued)

Question	Answer	Marks	Notes and guidance
5	Max has not multiplied the base by the height. He has multiplied 10×5	1	Accept any valid response.
	40 cm^2	1	
6	No “For example, Rectangle 1 – Length = 9 cm Width = 1 cm Perimeter = 20 cm Area = 9 cm^2 Rectangle 2 – Length = 8 cm Width = 2 cm Perimeter = 20 cm Area = 16 cm^2 ”	1	Accept any valid response. Do not award any marks for ‘No’ with no explanation.
7	 	2	Award 1 mark for each correct answer.
8	Any rectangles that are drawn that have the same perimeter but different areas.	2	Award 1 mark for drawing 2 shapes with the same perimeter.
9	$a = 20 \text{ cm}$ $b = 5 \text{ cm}$	2	Award 1 mark for each correct answer.
	720 cm^2	2	Award 1 mark for use of an appropriate method with no more than one arithmetical error.