<u>Y6 – Spring – Block 5 – Area, perimeter and volume B – Answers</u>

Question	Answer	Marks	Notes and guidance
1		2	Award 1 mark for each correct answer.
2	1 cm	1	Accept slight inaccuracies if the intention is clear.
3	8 cm 1 cm \$\frac{9}{10} cm 9 cm 9 cm	2	Award 1 mark for each correct answer.
4	6 cm ² 14 mm ² 32 cm ² 14 m ²	4	Award 1 mark for each correct answer.

<u>Y6 – Spring – Block 5 – Area, perimeter and volume B – Answers (continued)</u>

Question	Answer	Marks	Notes and guidance
5	Max has not multiplied the base by the height. He has multiplied 10 $ imes$ 6	1	Accept any valid response.
	50 cm ²	1	
6	No "For example, Rectangle $1 - \text{Length} = 9 \text{ cm Width} = 1 \text{ cm}$ Perimeter $= 20 \text{ cm Area} = 9 \text{ cm}^2$	1	Accept any valid response. Do not award any marks for 'No' with no explanation.
	Rectangle 2 – Length = 8 cm Width = 2 cm Perimeter = 20 cm Area = 16 cm²"		
7	2 cm 4 cm 7 cm 9 cm 4 cm	2	Award 1 mark for each correct answer.
	48 cm³ 252 cm³		
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 = 30 cm $b = 6 cm$	2	Award 1 mark for each correct answer.
	930 cm ²	2	Award 1 mark for use of an appropriate method with no more than one arithmetical error.