Practice worksheet | Perimeter, area and volume

Rectangular/triangular prism volume

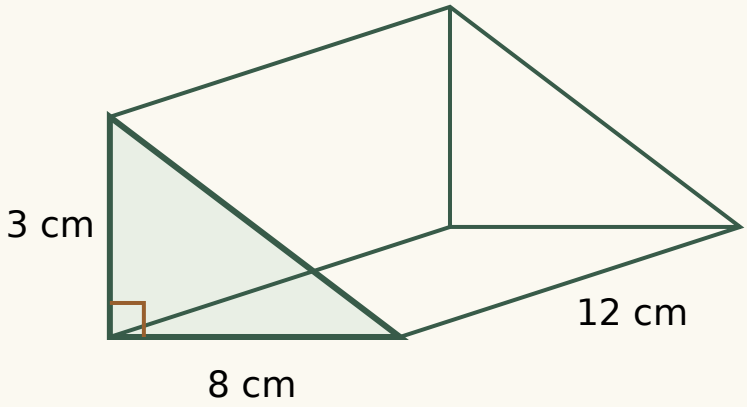
Name: _____ Date: _____

6 questions | 14 marks

1. Find the volume of a cuboid 5 cm by 4 cm by 3 cm. [2 marks]

2. A prism has cross-section area 18 m² and length 7 m. Find its volume. [1 mark]

3. Find the volume of a triangular prism with end base 8 cm, perpendicular end height 3 cm and prism length 12 cm. [3 marks]



Sketch not to scale

4. A cuboid has volume 240 cm³. Its base is 8 cm by 5 cm. Find its height. [3 marks]

5. The inside of a rectangular container is 10 cm by 8 cm by 5 cm. How many mL can it hold? [2 marks]

6. Two prisms have the same cross-section area. One is 6 cm long and the other is 15 cm long. The shorter has volume 48 cm³. Find the longer volume. [3 marks]