Prism volume and capacity

Name: _____ Date: _____

6 questions | 15 marks

1. Find the volume of a rectangular prism 8 cm by 3 cm by 2 cm. [2 marks]

2. A prism has cross-sectional area 15 m² and length 4 m. Find its volume. [2 marks]

3. A triangular prism has cross-section base 10 cm, perpendicular height 6 cm and length 8 cm. Find its volume. [3 marks]

4. Find the volume of a cylinder with radius 2 m and height 5 m. [2 marks]

5. A container holds 3500 cm^3. Express its capacity in litres. [2 marks]

6. A rectangular tank holds 240 L. Its internal base is 0.8 m by 0.5 m. Find its internal height. [4 marks]