Practice worksheet | Measurement

Scale drawings

Name: _____ Date: _____

6 questions | 12 marks

1. At 1:100, a plan wall is 7.2 cm long. Find its real length. [2 marks]

2. A 9 m fence is drawn at 1:300. Find its drawing length. [2 marks]

3. A 1:250 plan shows a rectangle 4 cm by 2 cm. Find real area. [2 marks]

4. Similar solids have corresponding lengths in ratio 2:3. Find their volume ratio. [2 marks]

5. A model has area 24 cm^2. An enlargement triples every length. Find new area. [2 marks]

6. A 1:10,000 map is reduced to half its original linear size. Find the new scale. [2 marks]