Practice worksheet | Metric measurement

Suitable units and accuracy

Name: _____ Date: _____

6 questions | 10 marks

1. Choose a suitable instrument for the mass of a small packet: a ruler or kitchen scales. [1 mark]

2. A pencil runs from 1 cm to 16 cm on a ruler. Find its length. [1 mark]

3. For measuring 125 mL, which jug has finer markings: 5 mL gaps or 50 mL gaps? [2 marks]

4. One book is measured four times: 24, 24, 25 and 42 cm. Which reading should be checked first? Explain. [2 marks]

5. A ruler shows only whole centimetres. A learner reports a length of exactly 8.367 cm. Explain the problem. [2 marks]

6. A container needs 1 L of water. Use $1\,\mathrm{L} = 1000\,\mathrm{mL}$. How many full 250 mL cups are needed, and what must you count carefully? [2 marks]