Practice worksheet | Measurement

Accuracy and precision

Name: _____ Date: _____

6 questions | 13 marks

1. Write the interval for 7.2 m to the nearest 0.1 m. [2 marks]

2. Write the interval for 340 g to the nearest 10 g. [2 marks]

3. A thermometer reads 21.4 degrees Celsius when a reference is 20.0 degrees Celsius. Find absolute error. [2 marks]

4. A measured length is 98 cm and its reference is 100 cm. Find percentage error. [2 marks]

5. A scale repeatedly reads 1.05 kg for a verified 1.00 kg mass. Describe its readings. [2 marks]

6. A rectangle is recorded as 4.0 cm by 3.0 cm, each to the nearest 0.1 cm. Find minimum possible area. [3 marks]