

Metric Measures

1.

Mass	Length	Capacity
g tonne kg	km cm m mm	L ml

2. hedgehog, guinea pig

3. A. 105 m; B. 2.4 cm

4. The dining room chair is measured in kg as this is a mass that can be lifted and will support the weight of a person. The large family car is measured in tonnes as a small car has the mass of approximately 1 tonne so a large car must be heavier than this. The wooden spoon is measured in grams as this has the smallest mass of all of the objects and can be handled easily.

5. Annie is incorrect because the volume of the water in the bath is 80 L when approximately half full. This means a correct estimated capacity for the bath is 160 L or 160,000 ml.

6. Various answers, for example: if an apple has a mass of approximately 100 g, then the mass of the apples in the sack could be 2,000 g.