

## Monday (answers) – LO: to read, write and recognise metric measures.

### Varied fluency

#### Developing

- 1a. Weight – grams; length – centimetres, kilometres
- 2a. 100g – the others are all length
- 3a. ruler
- 4a. 100m long

#### Expected

- 5a. Weight – grams; length – kilometres, millimetres; volume – litres
- 6a. 250km – the others are all weight.
- 7a. teacher
- 8a. 1 metre high, weighs 6kg

#### Greater Depth

- 9a. Weight – tonnes, grams; distance – kilometres; volume – millilitres,  $m^3$ ; area –  $km^2$
- 10a.  $50cm^3$  – the others are all related to area.
- 11a. bath
- 12a. 400m circumference, 100m long

### Reasoning and problem solving

#### Developing

- 1b. 30cm, 400mm. Each is around the same length and pencil cases would be of similar lengths.
- 2b. Isobel is correct as minutes is a greater measure of time than seconds.
- 3b. Estimates may vary: football – 400g, golf ball – 50g, bouncy ball – 10g, cricket ball – 160g

#### Expected

- 4b. 500ml, 0.8 litres, 1 litre. Each is around the same volume if the units differ, children will have similar sized water bottles.
- 5b. Jaiden is correct as the weight of a table would be measured in kg rather than grams.
- 6b. Estimates may vary: cow – 2m, mouse – 15cm, pig – 1.5m, sheep – 1m

#### Greater Depth

- 7b. 0.5kg. Estimates may vary: Bradley – 0.8kg, Alex – 750g.
- 8b. Both are correct as 0.1km and 100m are the same distance.
- 9b. Estimates may vary: running twice – 1 minute 30 seconds, hopping – 4 minutes, skipping – 2 minutes, dribbling a ball – 2 minutes.