

Reading weighing scales

WHAT THIS LESSON TEACHES

To read a weighing scale, first find how much each little mark is worth by counting the gaps between printed numbers, then read where the pointer stops.

- A dial marked 0, 100, 200, 300 goes up in steps of 100 g.
- Halfway between 400 g and 500 g is 450 g.

MODEL THIS ON THE BOARD

READING A DIAL STEP BY STEP

- 1 Check the printed numbers, for example 200 g and 300 g.
- 2 Count the gaps between them to find the step size.
- 3 The pointer is one step past 200 g so add the step size to 200 g.

ANSWER KEY

a) 350 g

b) 450 g

c) 1 kg 500 g

Q1: 450 g

Q2: 1,100 g

a) **Never** — Different dials have different step sizes such as 50 g or 25 g.

b) **Always** — You must know the step size before you can read the pointer.

c) **Always** — Half of 100 g is 50 g so add 50 g to 200 g.

d) **Always** — There are 1000 g in 1 kg so add 500 g.

EXTENSION SHEET · STRETCH ANSWERS

S1: 10.4 cm

S2: 7.8 cm

S3: 7.6 cm

S4: 5.4 cm

S5: 14.4 cm