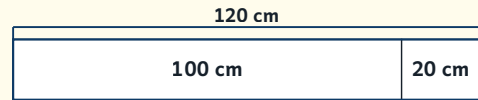


BOOKSHELF IN M OR CM

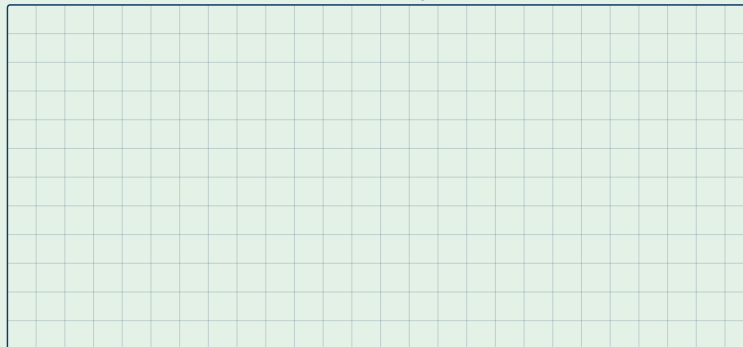
- 1 The bookshelf is **1 m 20 cm** tall.
- 2 Swap the metre: 1 m = **100 cm**.
- 3 Add the rest: **100 cm + 20 cm = 120 cm**.
- 4 It is taller than a metre, so metres is clearer: **1 m 20 cm**.



WARM-UP

Use the squared space to work out and compare the classroom lengths in centimetres.

Measuring



1. Change the bookshelf height 1 m 20 cm into centimetres and write the answer.
2. Change the whiteboard width 2 m 15 cm into centimetres and write the answer.
3. List the pencil (18 cm), the desk (65 cm) and the door (2 m), then write cm or m beside each.

PRACTICE

- 1 Sean holds a pencil on his desk. It is about **18 cm** long. Which unit suits it best, cm or m?
- 2 The class looks at the classroom door, which is about **2 m** tall. Which unit suits it best, cm or m?
- 3 The classroom bookshelf is **1 m 20 cm** tall. How many centimetres tall is it altogether?

? ALWAYS, SOMETIMES, NEVER

Always true, sometimes true, or never true? Write A, S or N.

- a. 1 m is the same as 100 cm.
- b. 1 cm is the same as 10 mm.
- c. 200 cm is longer than 1 m.
- d. Renaming to a smaller unit makes the number bigger.

REFLECT

How do you decide whether centimetres, metres or kilometres fit a length best?