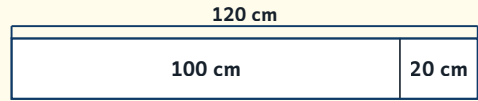


- 1 The bookshelf is **1 m 20 cm** tall.
- 2 Swap the metre: $1\text{ m} = \mathbf{100\text{ cm}}$.
- 3 Add the rest: $\mathbf{100\text{ cm} + 20\text{ cm} = 120\text{ cm}}$.
- 4 It is taller than a metre, so metres is clearer: **1 m 20 cm**.



pencil: _____

door: _____

120 cm = _____

- 1 Sean holds a pencil on his desk. Which unit suits its length best, cm or m?
- 2 The class looks at the classroom door. Which unit suits its height best, cm or m?
- 3 Aoife's copybook lies on her desk. Which unit suits its length best, cm or m?
- 4 The classroom bookshelf is **1 m** **45 cm** tall. How many centimetres tall is it altogether?

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



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