

Renaming length (m ↔ cm) – a first look

WHAT THIS LESSON TEACHES

Renaming length means writing the same length a different way with metres or centimetres. The real length stays exactly the same because 1 m equals 100 cm.

→ 2 m = 200 cm

→ 250 cm = 2 m 50 cm

MODEL THIS ON THE BOARD

RENAME 3 M AS CENTIMETRES

- ① Begin with the length 3 m.
- ② One metre equals 100 cm so each whole metre adds one hundred.
- ③ Three metres make 3 groups of one hundred.
- ④ Write the renamed length as 300 cm.

ANSWER KEY

a) 200 cm

b) 2 m 50 cm

c) 420 cm

Q1: 100 cm

Q2: 200 cm

Q3: 500 cm

Q4: 2 m 50 cm

a) Always — The units change but the real length stays identical.

b) Never — Renaming never changes how long something really is.

c) Sometimes — It works when the centimetre total is an exact multiple of 100.

d) Always — Each metre adds exactly one hundred centimetres.

EXTENSION SHEET · STRETCH ANSWERS

S1: 3100 cm

S2: 4500 cm

S3: 14000 ml

S4: 140 mm