

Tenths in money and measure (half a metre, half a litre)

WHAT THIS LESSON TEACHES

When one whole is split into ten equal parts each part is one tenth written 0.1. A metre split into ten tenths gives 0.1 m (10 cm) per part.

→ One tenth of a metre stick is 10 cm.

→ Half a metre equals five tenths equals 0.5 m equals 50 cm.

MODEL THIS ON THE BOARD

READING TENTHS ON A METRE STICK

- 1 Start at zero and count the equal marks along the stick.
- 2 Each mark shows one tenth so five marks show five tenths or 0.5 m.
- 3 This is the same as half a metre or 50 cm.

DISCUSSION STARTER

REFLECT Where else in real life have you met half a metre or half a litre?

ANSWER KEY

Scaffold: visual check on the page

Q1: 2 tenths = 20 cm

Q2: 5 tenths = 50 cm

Q3: 7 tenths = 70 cm

Q4: 5 tenths = 500 ml

Q5: 8 tenths = 80 cm

Q6: 3 tenths = 300 ml

- a) Always — Five tenths is exactly half.
- b) Always — Seven times 10 cm is always 70 cm.
- c) Never — Each mark on the jug is one tenth.
- d) Always — Ten equal parts make the whole.

EXTENSION SHEET · STRETCH ANSWERS

Investigation: Tenths all around us — open-ended; scan pupils' working for valid solution paths rather than a single answer.