6 Measurement, area and perimeter

› 6.1 Measurement

Exercise 6.1

centimetre (cm) kilometre (km)
metre (m) rounding

Focus

1 a Write something that you can measure using each unit of length.

Remember that 1 kilometre = 1000 metres
1 metre = 100 centimetres

Unit of length	What could you measure?
Kilometres (km)	
Metres (m)	
Centimetres (cm)	

b What could have these measurements? Make your answers different from the ones above.

1 kilometre _____

1 metre _____

1 centimetre _____

LIVEWORKSHEETS

2 Use a ruler.

Estimate and then measure each of these lines in centimetres.

a _____

estimate: _____ measure: _____

b _____

estimate: _____ measure: _____

c _____

estimate: _____ measure: _____

d Draw lines of lengths 2 cm, 5 cm and 7 cm. Label them.

3 Draw a (ring) around the correct answers.

a How many metres are in half a kilometre?

$\frac{1}{2}$ kilometre = 1000 m 500 m 10 m

b How many metres in $\frac{1}{4}$ kilometre?

$\frac{1}{4}$ km = 25 m 250 m 750 m

LIVEWORKSHEETS

c How many centimetres in 1 metre?

1 m = 10 cm 100 cm 1000 cm

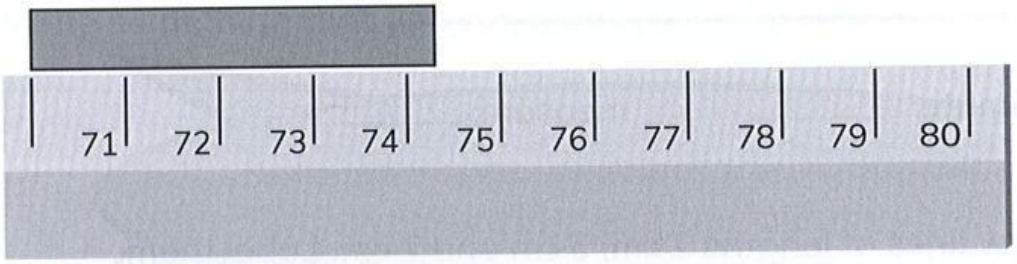
d How many metres in $\frac{3}{4}$ kilometre?

$\frac{3}{4}$ km = 75 m 450 m 750 m

Show how you worked out the answer to part d.

4 Find the length of the objects, to the nearest centimetre.

a



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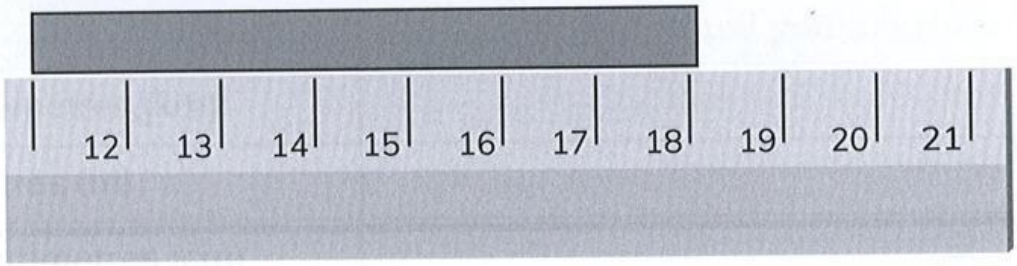
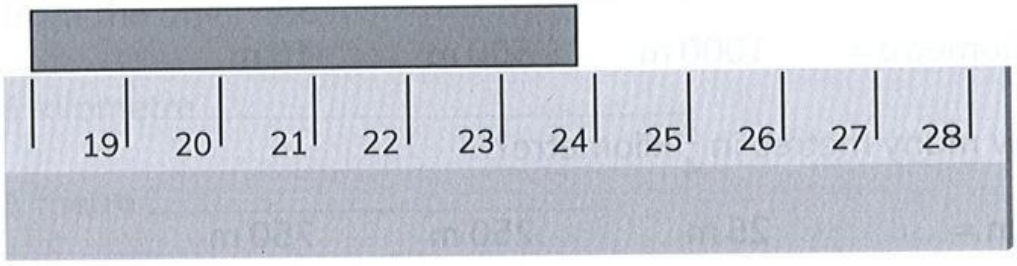
b



_____

c



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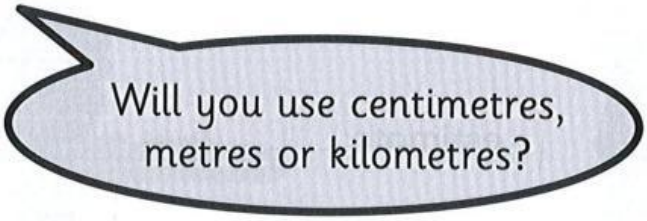
LIVEWORKSHEETS

Practice

5 a Estimate the distance from your bedroom to the kitchen.



estimate: _____

How could you find out what the length is?

_____

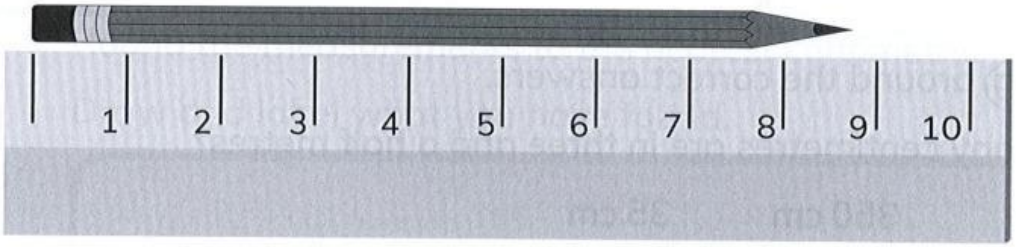
b Estimate the distance from your house to the nearest shop.

Use either centimetres, metres or kilometres. Explain your choice.

_____

_____

6 Complete the sentence.
Round the answer to the nearest centimetre.



The length of the pencil is about ____ cm.

LIVEWORKSHEETS

7 a Estimate then measure the height of each picture.

estimate: ____

measure: ____

estimate: ____

measure: ____

b Draw and measure a person shorter than Arun.

8 Draw a (ring) around the correct answers.

a How many centimetres are in three and a half metres?

300 cm 350 cm 35 cm

b How many centimetres are in five and a quarter metres?

550 cm 575 cm 525 cm 500 cm

c 500 cm = ____ m

d 250 cm = ____ m

e Which is more: $\frac{3}{4}$ m or 700 cm?

LIVEWORKSHEETS