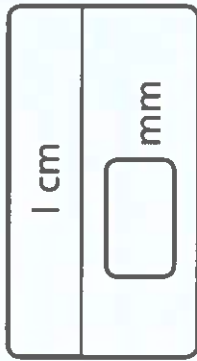


Metric units 4

Complete the bar models to help show each conversion.

a) mm = 1 cm



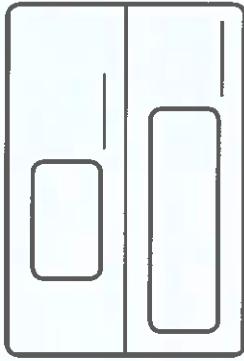
To convert from mm to cm, divide by .

b) cm = 1 m



m = 1 km

× =



To convert from cm to km, by .

To convert from km to cm, by .

a) The tail of a mouse is 142 mm.
How many centimetres is this?

H	T	O	•	Tth
			•	
			•	

The mouse's tail is cm long.

Draw the mouse's tail to the correct length.

b) Andy has a pedometer.

It says he has walked 40,000 cm.

Convert this into more suitable units.

40,000 cm = m = km

TTh	Th	H	T	O	•	Tth
					•	
					•	
					•	

3

Year 5 are having a sunflower growing competition. Here are their results:

Name	Lexi	Ebo	Max	Reena
Height of sunflower	1.3 m	1 ¹ / ₄ m	123 cm	1,252 mm

Write the children's names in order from tallest to shortest sunflower.

4

The length of a piece of ribbon is 2 m. It has a width of 3 cm.



a) Danny says the perimeter is 10 cm. What mistake has he made?

b) Work out the correct perimeter.



The perimeter is cm = m.

CHALLENGE

- a) The length of the smallest dog in the world is 15.2 cm. Mark its length on this ruler.



- b) The longest straw used to drink cola in the world is 75.82 m! How many centimetres will the cola need to travel before you can taste it?

The cola will travel cm.

- c) The narrowest street in the world is 310 mm wide. Would you be able to walk down it? Explain your answer.

reflect

Complete the sentences in as many ways as you can.

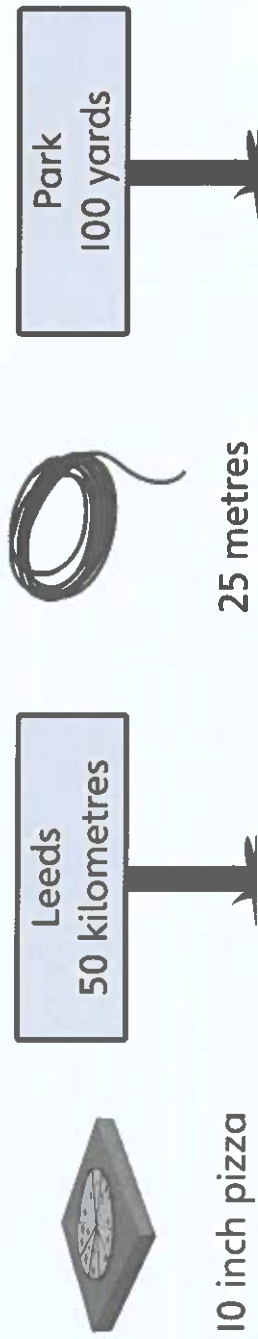
There are 10 in .

There are 100 in .

There are 1,000 in .

Imperial units of length

- 1 a) Draw a circle around each imperial unit.



- b) Complete each sentence with one of the cards.

1 inch is approximately .

1 foot is equal to .

1 yard is equal to .

- 2 Use your answers from 1 b) to help you answer this question.

This snake is 4 feet long.

How many inches long is the snake?



× =

The snake is inches long.

4 feet			
1 foot			
12 inches			