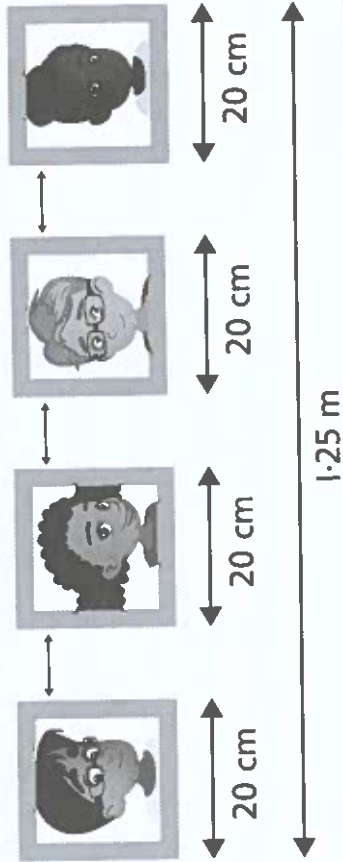


CHALLENGE

These photo frames are the same distance apart on a wall. Each photo frame is 20 cm wide. The total length of wall that the frames take up is 1.25 m.

What is the length of each space between the photos?



I need to decide whether to work in metres or centimetres.

The length of each space is .

reflect

via has a ball of string and a ruler that measures in inches. e needs to cut a piece of string 1 m long. Explain how she can measure it.

End of unit check

My journal

1 Explain how you would convert these measurements.

a) 1.2 litres = millilitres

I know this because _____

b) 490 minutes = hours minutes

I know this because _____

c) 60 inches = metres

I know this because _____

My bottle holds 1.2 litres of water. How many millilitres is this?

Bella

My train journey took 490 minutes. How many hours and minutes did it take?

Andy

How many metres are the same as 60 inches?

Danny

Power check

How do you feel about your work in this unit?



Power play

Play this game of three-in-a-row with a partner. You will need: different coloured counters, a dice and this railway timetable.

START						
Greenhill	06:42	10:02	13:22	16:42	20:02	23:22
Newton	06:57	10:17	13:37	16:57	20:17	23:37
Wood End	07:18	10:38	13:58	17:18	20:38	23:58
Amington	07:27	10:47	14:07	17:27	20:47	00:07
Ellwich	07:42	11:02	14:22	17:42	21:02	00:22
Garford	08:05	11:25	14:45	18:05	21:25	00:45

Put a counter on START.

Roll a dice. Move your counter that number of squares right. Roll the dice again. Move your counter that number of squares down.

Say a fact about the square you land on. For example, if you have rolled a 3 and a 4, you could say: ‘The twenty-two minutes past 1 train from Greenhill arrives at Amington at seven minutes past 2.’

If you and your partner agree this is a correct fact, leave your plastic counter on the square.

Take turns with your partner, alternating between moving to the left, right, up and down.

The winner is the first person to have three counters in a row.



Try inventing your own game where your partner has to work out the time different trains take!

What is volume?

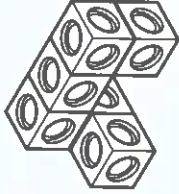
1 What is the volume of each shape?

a)



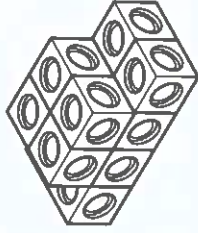
Volume = unit cubes

c)



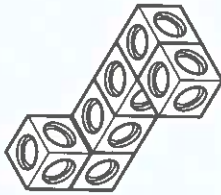
Volume = unit cubes

e)



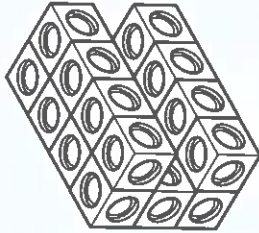
Volume = unit cubes

b)



Volume = unit cubes

d)



Volume = unit cubes

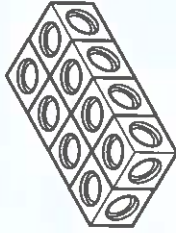
f)



Volume = unit cubes

2

Match the shapes to the correct volume.



6 unit cubes

8 unit cubes

12 unit cubes

16 unit cubes

