Year 3 Maths Lesson

1.03.21

Home Learning Powerpoint – If you have any problems, just send us a Dojo message.

On this maths powerpoint:

- 1 warm up activity
- 1 maths lesson

Remember – you can get Dojos for posting pictures of your work on Class Dojo!

Warm Up Activity 1

Answers on the next slide. No peeking!

Work out these multiplication calculations

Easier

1. 3 x 3 =
2. 8 x 2 =
3. 6 x 5 =
4. 10 x 4 =
5. 8 x 5 =
6. 11 x 5=
7. 6 x 3 =
8. 9 x 3=
9. 12 x 2 =
10. 11 x 3 =

11. ___ x 5 = 10
12. 5 x _ = 15
13. 2 x ___ = 10
13. 4 x ___ = 20
14. 4 x ___ = 8
15. 1 x ___ = 9

Harder

1. 4 x ___= 12
2. 6 x ___= 12
3. 2 x___ = 20
4. ___ x 4= 20
5. ___ x 9 = 9
6. 4 x___ = 8
7. 3 x ___= 24
8. 18 x ___= 18
9. ___ x 2 = 10
10. ___ x 5 = 25

11. 60 x ___= 120
12. 3 x ____= 120
13. 20 x____= 200
14. ____ x 20 = 200
15. ____ x 90 = 90

Warm Up Activity 1 Answers

Answers on the next slide. No peeking!

Easier

1. 3 x 3 = 9
2. 8 x 2 = 16
3. 6 x 5 = 30
4. 10 x 4 = 40
5. 8 x 5 = 40
6. 11 x 5= 55
7. 6 x 3 = 18
8. 9 x 3= 27
9. 12 x 2 = 24
10. 11 x 3 = 33
11. 2 x 5 = 10
12. 5 x 3= 15
13. 2 x 5 = 10
13. 4 x 5= 20
14. 4 x 2= 8
15. 1 x 9 = 9

Harder

1. 4 x 3= 12
2. 6 x 2= 12
3. 2 x 10 = 20
4. 5 x 4= 20
5. 1 x 9 = 9
6. 4 x 2 = 8
7. 3 x 6= 24
8. 18 x 1 = 18
9. 5 x 2 = 10
10. 5 x 5 = 25
11. 60 x 2 = 120
12. 3 x 40 = 120
13. 20 x 10= 200
14. 10 x 20 = 200
15. 1 x 90 = 90

1.03.21

Write today's date and objective in your home learning book.

Can I measure length in metres (m) ?

Remember to be proud of your work and use your best presentation

For today's Maths lesson, I would like you to use this video from White Rose Maths.
Watch the short video, pausing it when instructed and then complete the worksheet.
Today's lesson will consolidate some of your learning on length in metres from Year 2.

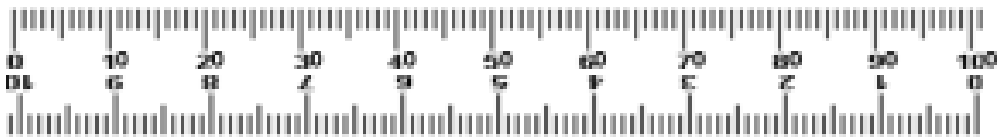
https://vimeo.com/504466031

You will need to get the equipment shown here →

- Pencil
- Ruler
- Exercise book
- 1m stick/measuring tape (if you have them)

I have also copied a few of the slides to help you on your way.

This week we are learning about length. What is length a measurement of?



What units can we measure length in?

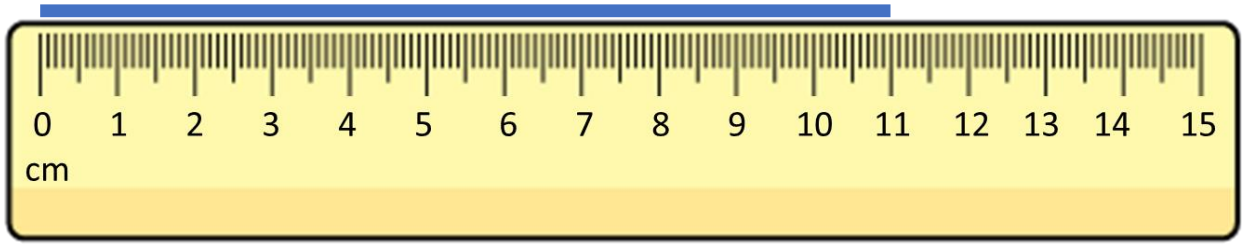
Length is a measure of distance.

1) Complete the statements

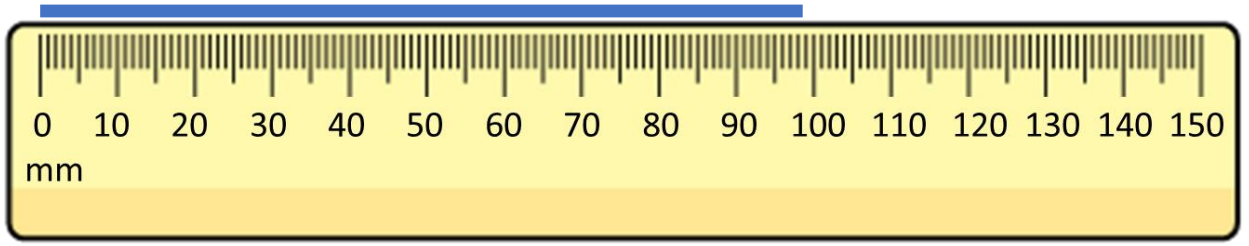
There are ____ centimetres in 1 metre

There are ____ centimetres in half a metre

2) How long is the line?



3) How long is the line?

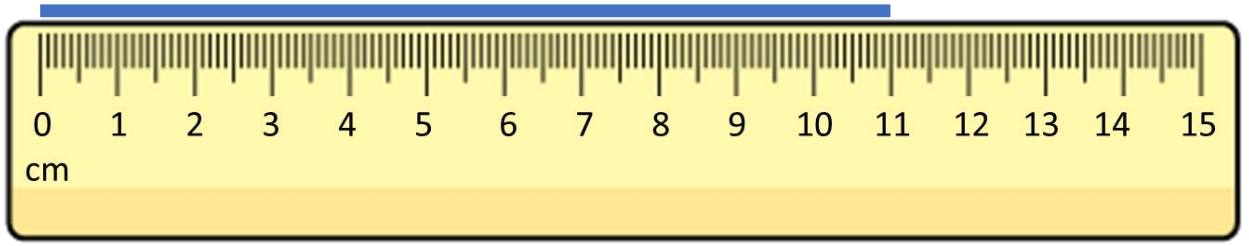


1) Complete the statements

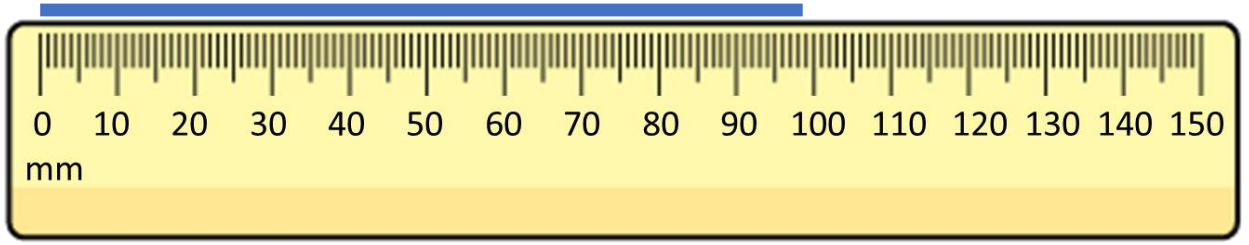
There are 100 centimetres in 1 metre

There are 50 centimetres in half a metre

2) How long is the line? 11 cm



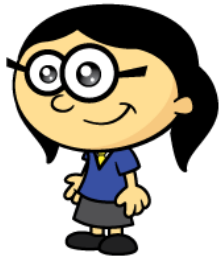
3) How long is the line? 98 mm

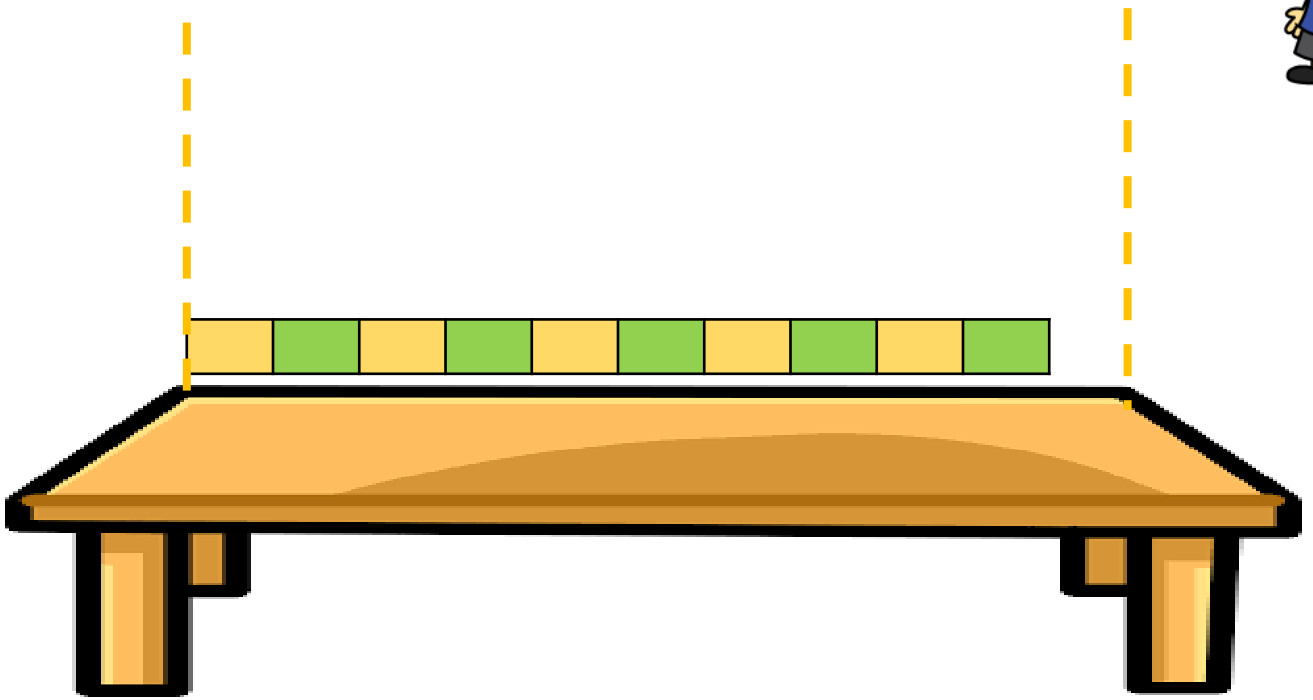


LET'S LEARN

White Rose Maths

Annie is comparing lengths to 1 metre





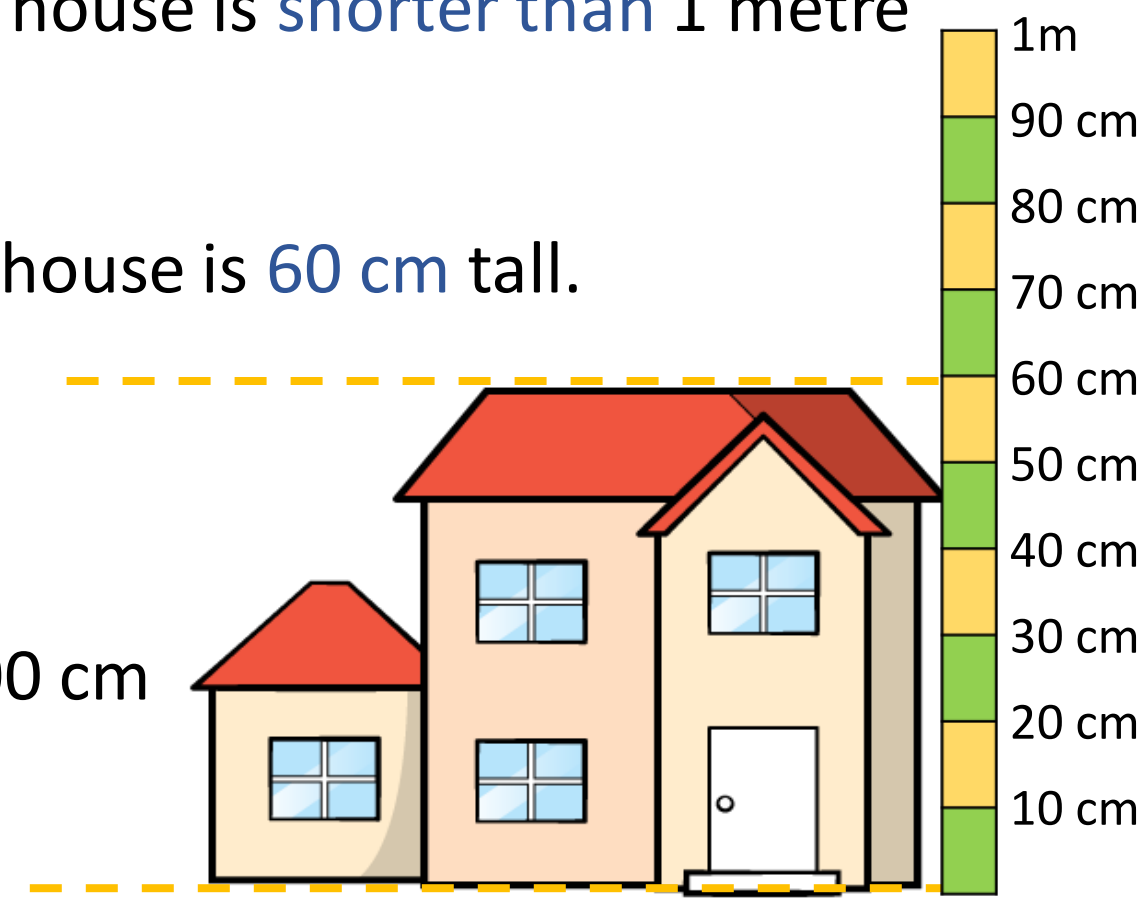
The table is longer than 1 metre

Annie is comparing lengths to 1 metre

The dolls house is shorter than 1 metre

The dolls house is 60 cm tall.

1 m = 100 cm



Annie makes a table to show her results.

Shorter than 1 m	Longer than 1 m
	

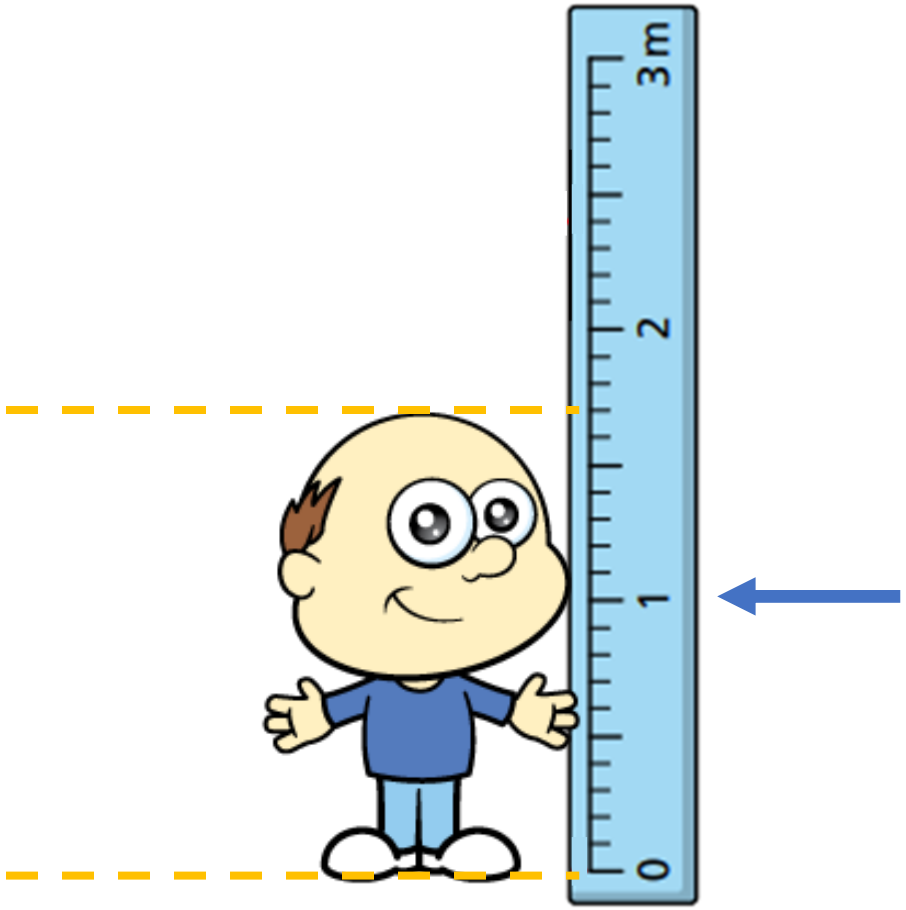
YOUR TURN

Have a go at question 1 on the worksheet.

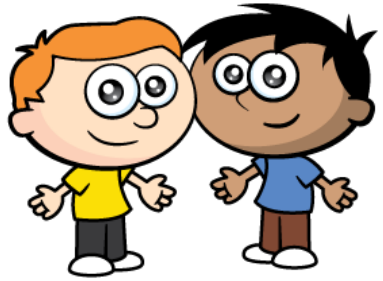
White Rose Maths

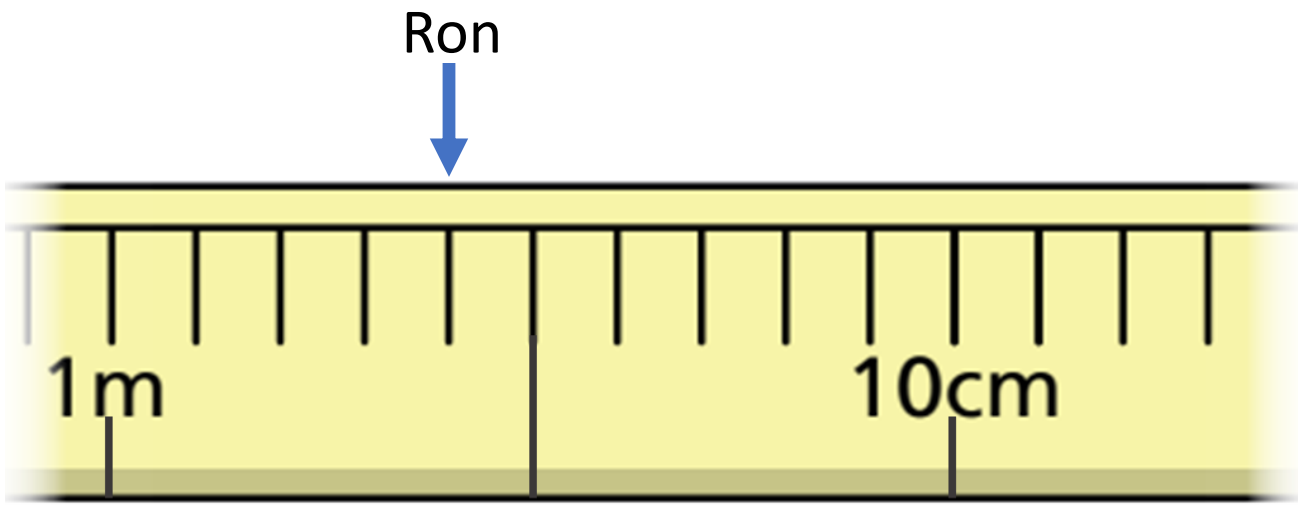
The children are measuring Mr Rose.

Mr Rose is 1 m and 70 cm tall.



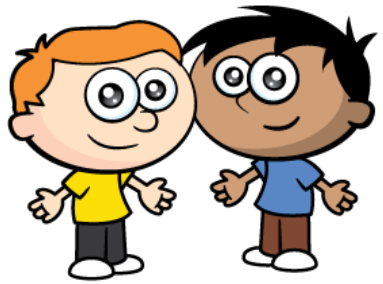
Ron and Amir have been measuring their arm span.
Here is part of a tape measure.

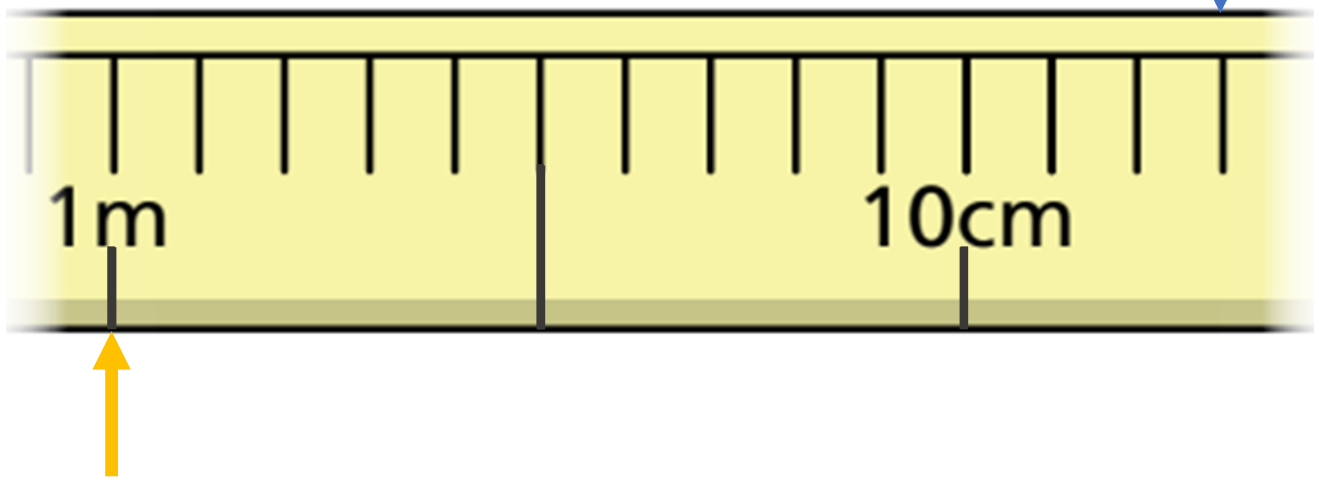




Ron’s arm span is 1 m and 4 cm

Amir's arm span is longer than Ron's.



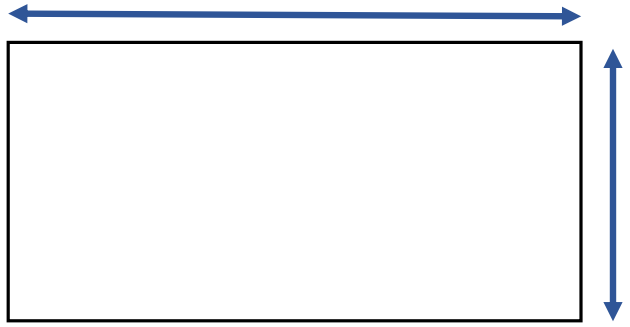


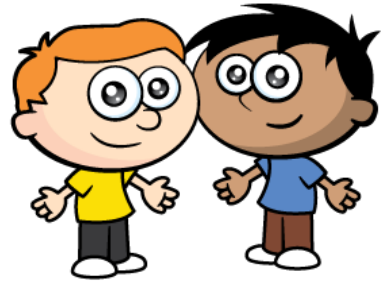
How long is Amir's arm span?

Amir's arm span is 1 m and 13 cm

Have a think

Ron and Amir decide to measure the length and width of the classroom.





Have a think

Altogether they measure 12 metres.

The classroom is twice as long as it is wide.

How long and how wide is the classroom?

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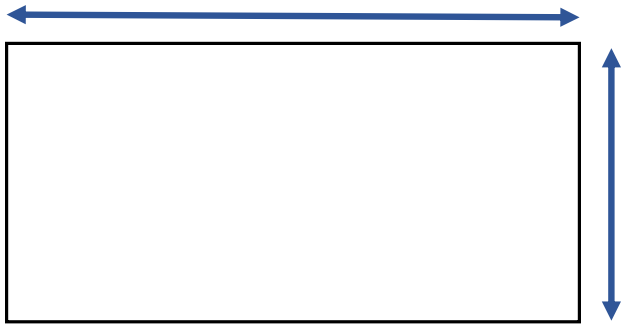
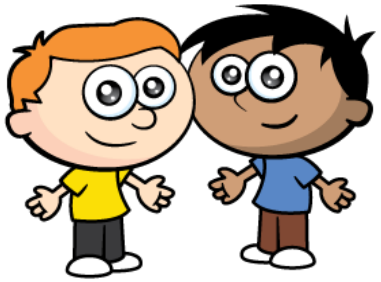
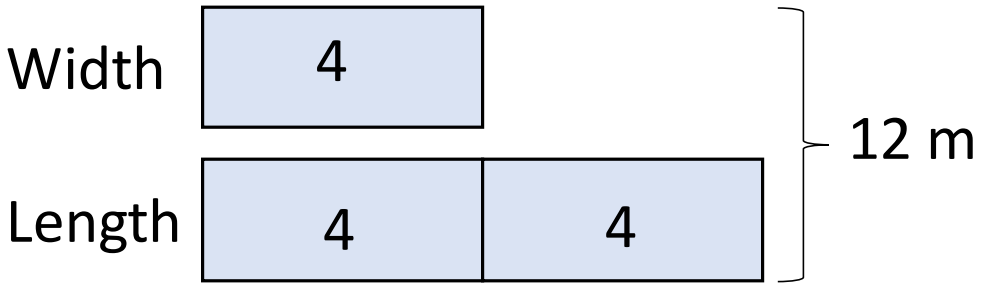
The classroom is twice as long as it is wide.
How long and how wide is the classroom?







$12 \div 3 = 4$

The classroom is 8 m long and 4 m wide.

YOUR TURN

Now have a go at the worksheets on the next slides.

White Rose Maths

1 Look around your classroom.

Choose 10 objects.

a) Estimate which objects are longer than 1 metre and which are shorter than 1 metre.

b) Draw each object in the correct part of the table.

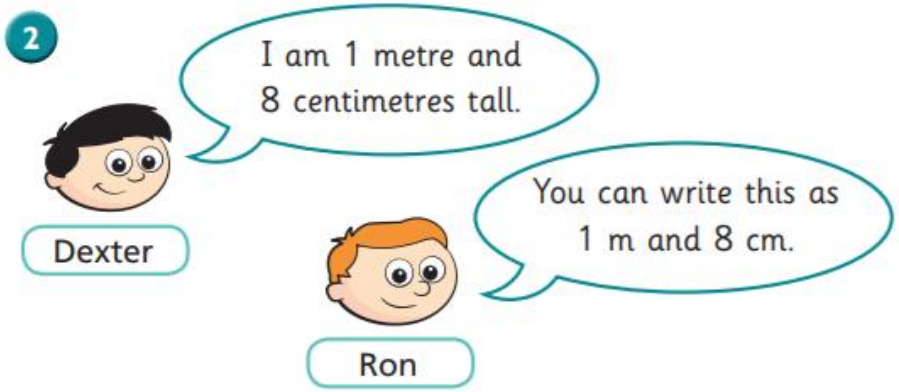
Longer than 1 metre	Shorter than 1 metre

c) Use a metre ruler to measure your objects.

Did you put them in the correct column?

d) Which object is closest to 1 metre long?

2



Do you agree with Ron?

Talk about it with a partner.

Complete the sentences.

a) Dexter is 1 _____ and 8 _____ tall.

b) Dani is 1 metre and 21 centimetres tall.

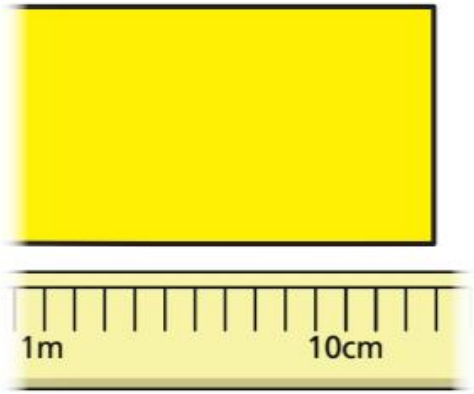
Dani is ☐ m and ☐ cm tall.

c) Scott is 1 metre and 11 centimetres tall.

Scott is ☐ and ☐ tall.

3 Class 2 are measuring poster paper for an art lesson.

Nijah puts the paper next to a 2-metre stick.



How long is the poster paper?

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Complete the sentences.

a) Dexter is 1 _____ and 8 _____ tall.

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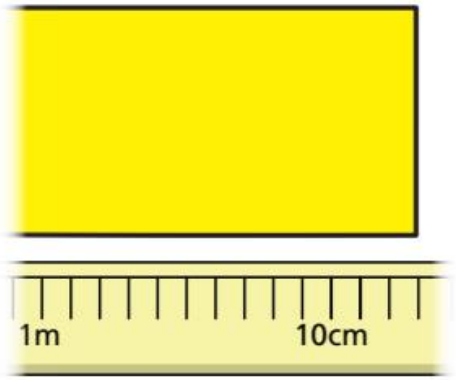

How long is the poster paper?

4 Measure the longest side of your classroom.

How many metres and centimetres long is it?

5

Daddy Bear is 2 metres tall.

Baby Bear is half as tall as Daddy Bear.

a) How tall is Baby Bear?

b) Mummy Bear is taller than Baby Bear, but shorter than Daddy Bear.

How tall could Mummy Bear be?

Compare answers with a partner.

Challenge

1 metre = 100 centimetres

Convert these metres into centimetres by x 100 (remember x100 is the same as x 10 (twice)

Example – 3m = 3 x 10 = 30 30 x 10 = 100 or 3 x 100 = 300 cm

1) 6 m =
2) 5 m =
3) 2 m =
4) 8 m =
5) 9 m =
6) 5 $\frac{1}{2}$ m =
7) 7 $\frac{1}{2}$ m =
8) 9 $\frac{1}{2}$ m =
9) 4 $\frac{1}{2}$ m =
10) 10 $\frac{1}{2}$ m =

11) 3 $\frac{1}{4}$ m =
12) 9 $\frac{1}{4}$ m =
13) 4 $\frac{1}{4}$ m =
14) 8 $\frac{1}{4}$ m =
15) 2 $\frac{1}{4}$ m =

Answers on the next slide so no peeking!

Challenge – How did you get on?

1 metre = 100 centimetres

Convert these metres into centimetres by x 100 (remember x100 is the same as x 10 (twice)

Example – 3m = 3 x 10 = 30 30 x 10 = 100 or 3 x 100 = 300 cm

1) 6 m = 600cm
2) 5 m = 500cm
3) 2 m = 200cm
4) 8 m = 800cm
5) 9 m = 900cm
6) 5 $\frac{1}{2}$ m = 550cm
7) 7 $\frac{1}{2}$ m = 750cm
8) 9 $\frac{1}{2}$ m = 950cm
9) 4 $\frac{1}{2}$ m = 450cm
10) 10 $\frac{1}{2}$ m = 1050cm
11) 3 $\frac{1}{4}$ m =325cm
12) 9 $\frac{1}{4}$ m = 925cm
13) 4 $\frac{1}{4}$ m = 425cm
14) 8 $\frac{1}{4}$ m = 825cm
15) 2 $\frac{1}{4}$ m = 225cm

How did you do?

I can't wait to look at your work.

Don't forget to put your finished work on Class Dojo!