

Early Bird

$100 \div 5$

What time is it right now in your house/at school?

$325 + 674$

$19 \div 3$

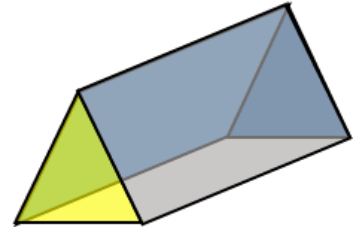
Name and describe this shape

$830 - 72$

< > or =

$58 \times 6$

$\frac{2}{6}$  of 18   $\frac{3}{9}$  of 27



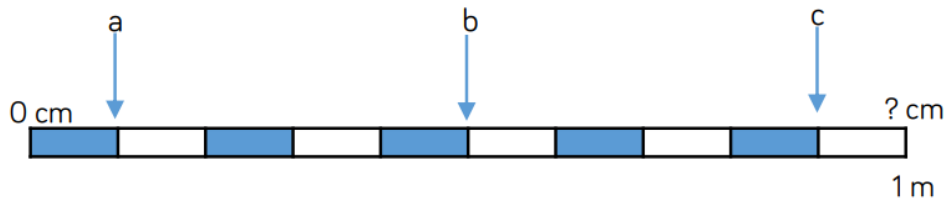
Challenge:

Hugo gets the bus to and from school every day. The ticket for each journey costs 75p. How much does it cost him for the week.

Maths

We're going to look at converting measurements today from metres (m) to centimetres (cm) and vice versa.

Can you remember how many centimetres are in a metre? See if you can work it out from the image below of a metre stick. If a = 10cm



$b = \underline{\quad} \text{ cm}$

$c = \underline{\quad} \text{ cm}$

$1 \text{ metre} = \underline{\quad} \text{ cm}$

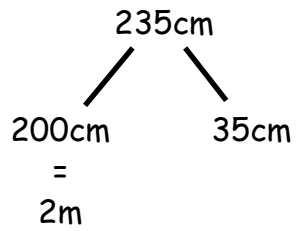
So if there are \_\_\_\_\_cm in one metre, how many cm would there be in 2m? Or 3m?

Can you match the equivalent measures below:

|                 |         |
|-----------------|---------|
| 100 cm          | 9 m     |
| 5 m             | 200 cm  |
| 300 cm          | 500 cm  |
| 2 m             | 1 metre |
| 900 centimetres | 3 m     |

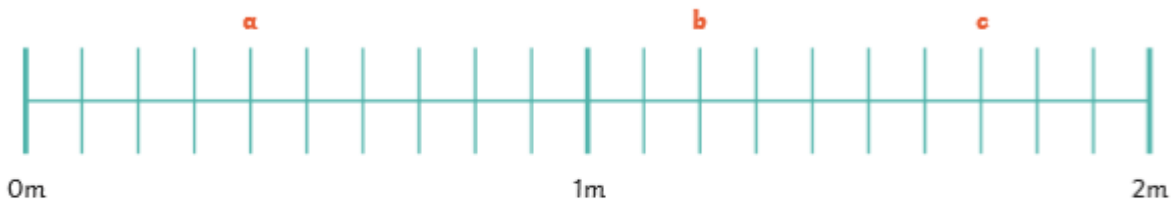
Can you use partitioning to work out how to convert 235cm into m and cm?

If I partition 235 into hundreds and tens + ones, then I can easily convert.



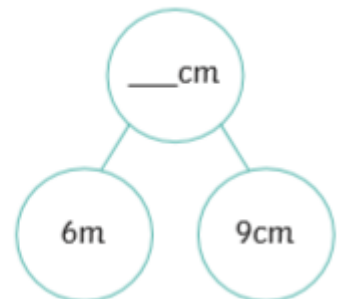
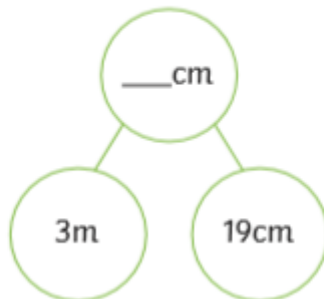
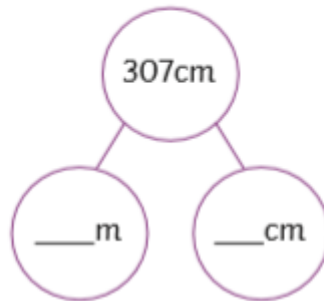
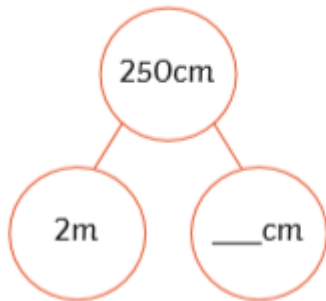
200cm is equal to 2m. So 235cm = 2m and 35cm.

Calculate the missing measurements.



- a) \_\_\_ m \_\_\_ cm
- b) \_\_\_ m \_\_\_ cm
- c) \_\_\_ m \_\_\_ cm

Complete the part-whole models.



Felipe has used three digit cards to make three pairs of equivalent lengths.



When the digits are added together, the digit sum is 14.

$$\begin{array}{l} \square \text{ m } \square \square \text{ cm} = \square \square \square \text{ cm} \\ \square \text{ m } \square \square \text{ cm} = \square \square \square \text{ cm} \\ \square \text{ m } \square \square \text{ cm} = \square \square \square \text{ cm} \end{array}$$

What could the digit cards' values be?

1. The children below discussing different lengths. They are trying to work out which of their lengths are equal and can be paired together.



John

My length is  $\frac{1}{2}$  of 1m.



Mark

My length is one metre and five centimetres.



Simon

My length is  $< 1\text{m}$  and is a multiple of 5.



Alice

My length is  $\frac{3}{4}$  of one metre.



Meera

My length is between 40cm and 80cm.



Taylor

My length is  $> 100\text{cm}$ . It has a digit sum of 6 and 0 as a place holder.

Use the clues to investigate which children could be paired together.