

1) Find the difference in length between:



- a) the pencil case and the leaf
- b) the table and the pencil case
- c) the pencil case and the banana
- d) the banana and the pen

Item	Length
leaf	6cm
pen	12cm 4mm
banana	200mm
pencil case	25cm
table	1m 7cm

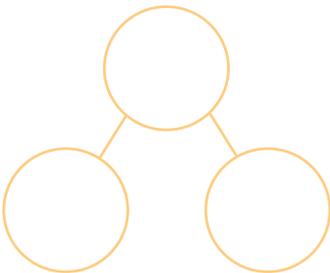
2) a) Josef jumps 4 metres. Julia jumps 1m 24cm less than Josef. Complete the calculation to find how far Julia jumped.

$$4\text{m} - 1\text{m} = \underline{\quad} \text{m}$$
$$\underline{\quad} \text{m} - 24\text{cm} = \underline{\quad} \text{m and } \underline{\quad} \text{cm}$$

b) Write a similar calculation to solve  $6 - 2\text{m } 54\text{cm}$

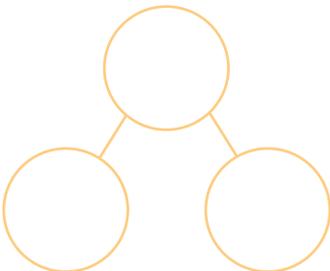
3) a) A ball of string is 10m long. Tiana uses 1m 80cm to tie up a parcel. Use the part-whole model to complete the calculation and find out how much string is left.

$$200\text{cm} - 180\text{cm} = \underline{\quad} \text{cm}$$
$$\underline{\quad} \text{m} + \underline{\quad} \text{cm} = \underline{\quad} \text{m and } \underline{\quad} \text{cm}$$



b) Write a similar calculation to solve

$$8\text{m} - 2\text{m } 65\text{cm}$$



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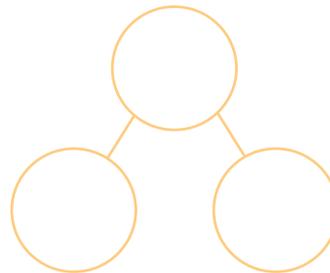
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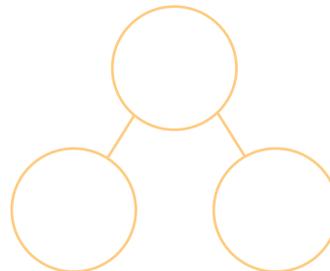
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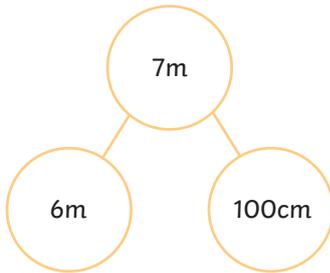
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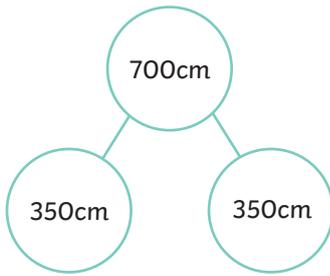
- 1) Morris wants to use a part-whole model to help him calculate  $7\text{m} - 1\text{m}$   $56\text{cm}$ . Which part-whole model would you suggest he uses? Give your reasons.



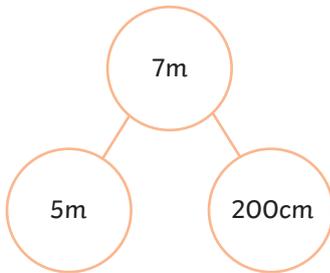
a)



b)



c)



- 2) Joni is making a path  $120\text{m}$  long along the side of the school field. She has laid  $65\text{m}$  of slabs and  $26\text{m}$  of gravel.

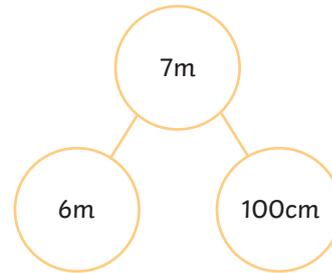
How much more of the path does she need to cover?



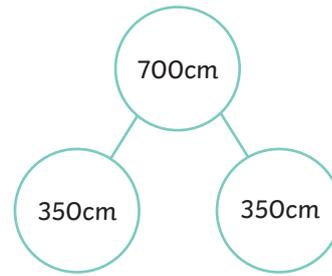
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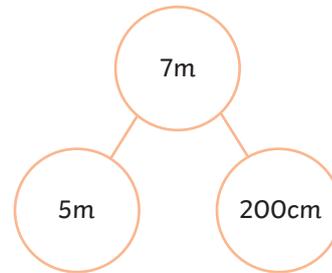
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1) A full roll of ribbon measures 5m.

The labels show how much was left on each roll.



 3m 17cm	 37cm	 2m 27cm

**Carrie:** I used 4m 63cm.

**Kenny:** I used 2m 73cm.

**Shay:** I used 1m 83cm.

Which colour ribbon did each child use?

2) The classroom wall is 3m 24cm high.

a) Use the clues to work out the height of each child.

Julia	Joni	Morris
I am 1m 88cm shorter than the classroom.	I am 175cm shorter than the classroom.	I am 320mm shorter than Joni.

b) How much shorter than the classroom wall is Morris?

3) Measure the height of your teacher and the height of four friends. Create your own statements comparing the height of your teacher and your friends.

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