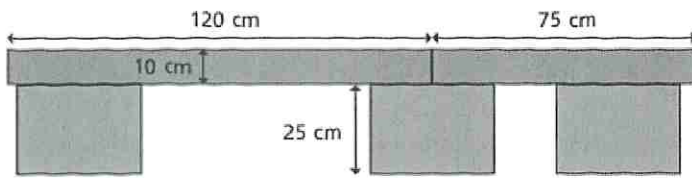


Can I solve problems involving length?



a) What is the total length of his bridge? 195 cm

b) What is the height of his bridge? 35 cm

Brett is 115 cm tall.

His brother is 20 cm taller.

135cm or 1m35cm

How tall is Brett's brother?

Dora builds a tower that measures 1 m and 5 cm.

Annie builds a tower that measures 80 cm.

Dexter builds a tower that measures 95 cm.

They put their towers together to make one high tower.

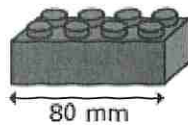
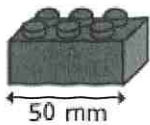
How tall is their new tower?

*280cm tall
or 2m80cm tall*

Draw some red and blue bricks to make a pattern that would be exactly 36 cm long.

Red bricks are 50 mm long.

Blue bricks are 80 mm long.



*Whitney's pattern is 26cm long.
Eva's pattern is 37cm long.*

a) Whitney and Eva make patterns using the bricks.

How long is each pattern?

Give your answers in centimetres.



eg. R R B B R R

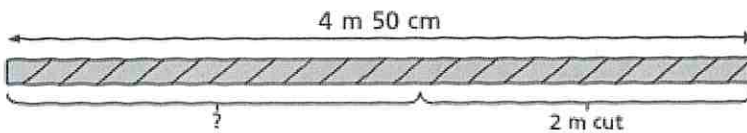
Draw some red and blue bricks to make a pattern that would be exactly 36 cm long.

Jack's rope is 4 m 50 cm long.

He uses 2 m to make a swing.

How long is his rope now?

$$4\text{ m } 50\text{ cm} - 2\text{ m} = 2\text{ m } 50$$
$$= 250\text{ cm}$$



Jack cuts this length of rope into ten equal pieces. How long is each length?

$$250 \div 10 = 25\text{ cm}$$

Tommy, Rosie and Annie each measure their height.



Annie



Rosie
135 cm



Tommy
1 m 15 cm

a) What is the difference in height between Tommy and Rosie? 20 cm

$$1\text{ m } 15 = 115\text{ cm}$$

$$135 - 115 = 20\text{ cm}$$

b) Annie is 30mm shorter than Rosie. How tall is Annie? 132 cm

$$30\text{ mm} = 3\text{ cm}$$

$$135 - 3 = 132\text{ cm}$$