

Reasoning

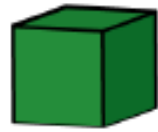
Eva is building a tower using these blocks.



100 mm



80 mm

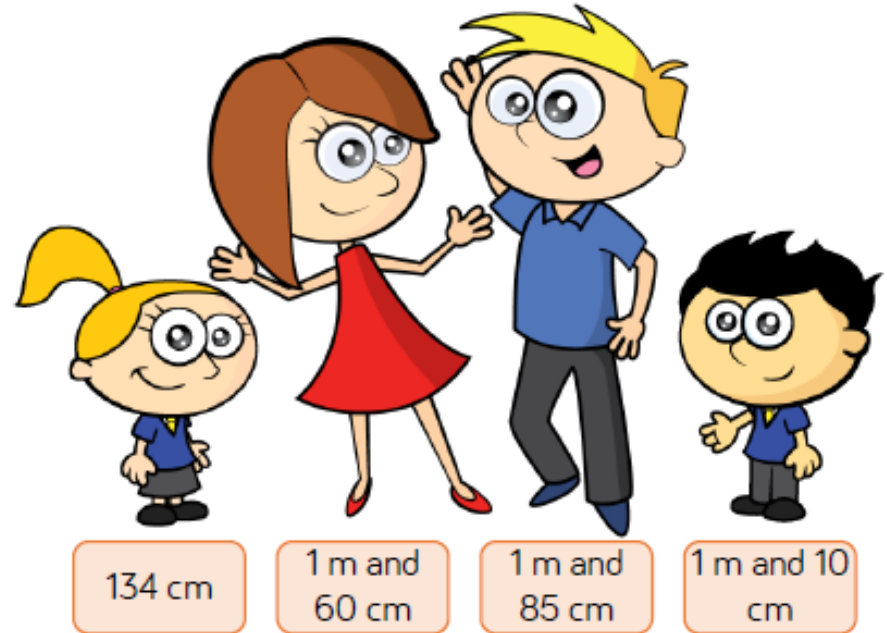


50 mm

How many different ways can she build a tower measuring 56 cm?

Can you write your calculations in mm and cm?

Eva and her brother Jack measured the height of their family.



Eva thinks their total height is 4 m and 55 cm

Jack thinks their total height is 5 m and 89 cm

Who is correct? Prove it.

Answers

Eva is building a tower using these blocks.



How many different ways can she build a tower measuring 56 cm?

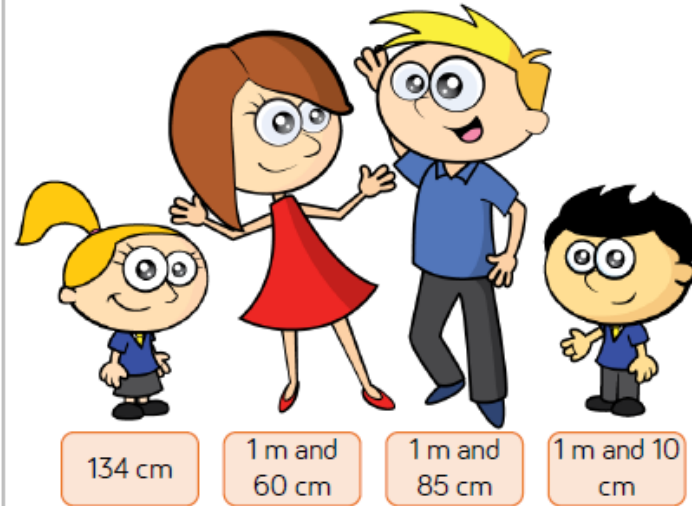
Can you write your calculations in mm and cm?

Possible answer:

Four 100 mm blocks and two 80 mm blocks.

There are many other solutions.

Eva and her brother Jack measured the height of their family.



Eva thinks their total height is 4 m and 55 cm

Jack thinks their total height is 5 m and 89 cm

Who is correct? Prove it.

Jack is correct.
Eva has not included her own height.