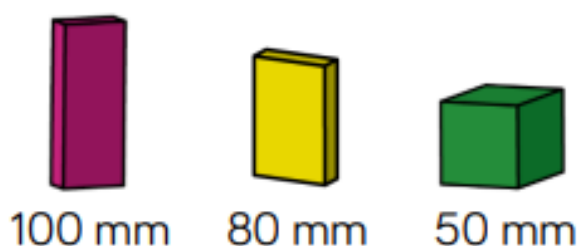# Challenge (Answers)

1) 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?
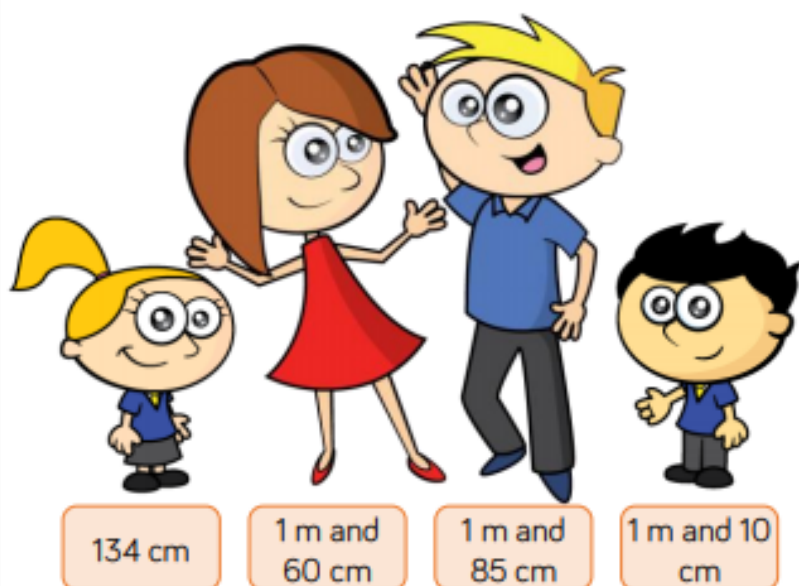Can you write your calculations in mm and cm?

Possible answer:

Four 100 mm blocks and two 80 mm blocks.

There are many other solutions.

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

| 134 cm | 1 m and 60 cm | 1 m and 85 cm | 1 m and 10 cm |

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.