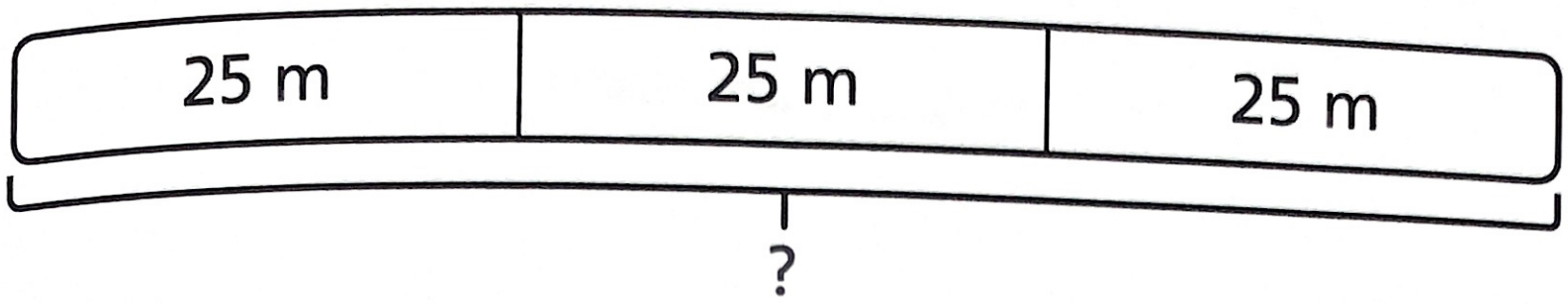
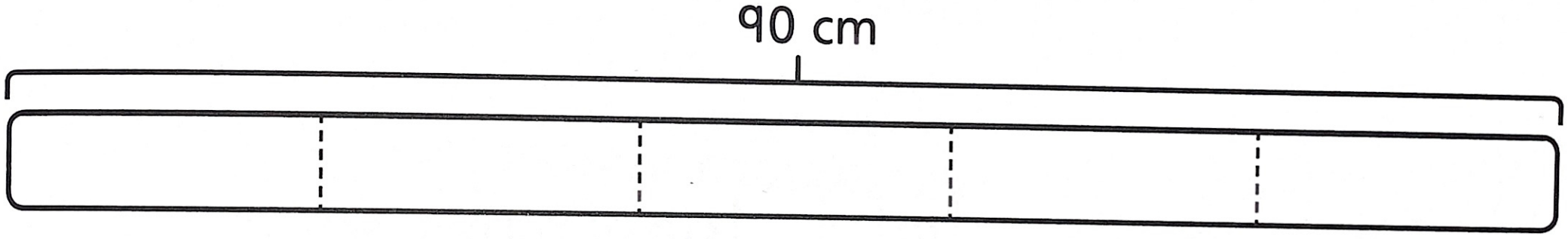
problem solving – length I

1 Luis swims 3 lengths of 25 metres each. How far does he swim?



25 × ☐ = ☐ . Luis swims ☐ metres.

2 Emma cuts a 90 cm ribbon into 5 equal pieces. How long is each piece?



☐ ÷ ☐ = ☐

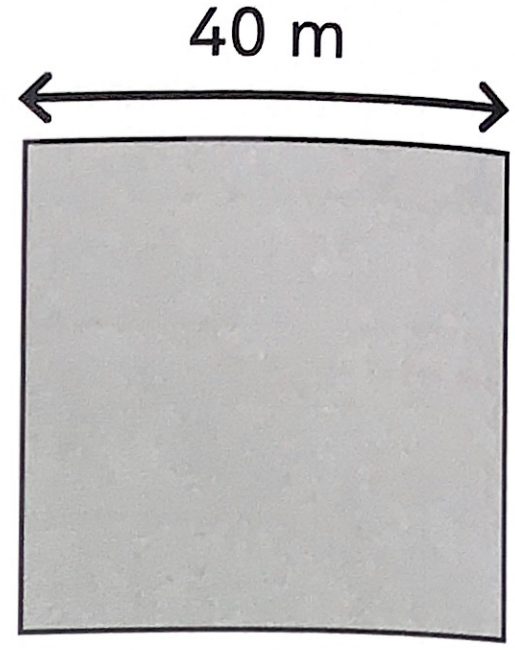
Each piece is ☐ cm.

3 A pastry has 9 cm of cream piped onto it. A baker can pipe 72 cm of cream in one minute. How many pastries is that?

☐ ÷ ☐ = ☐

The baker pipes ☐ pastries in one minute.

4 How much fence is needed to go all the way around the square school field?



Write the calculation you used.

_____

☐ metres of fence is needed.

5 Jamilla is making 4 curtain poles. She needs 3 poles that are 1 m 45 cm and one pole that is 2 m 45 cm. How much curtain pole does she need in total?

Draw a picture to show this. Then solve the problem.

Jamilla needs ☐ m ☐ cm of curtain pole.

6 Which is longer: 5 × 35 cm or 3 × 53 cm?

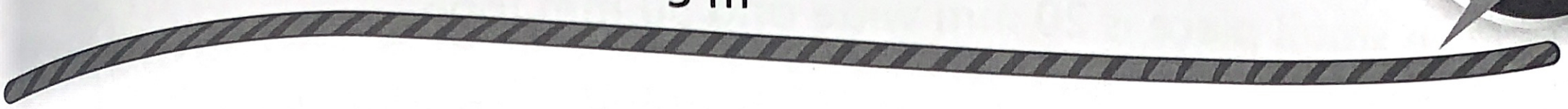
Draw a diagram to show your method. Then write your answer.

_____ is longer.

CHALLENGE

7 Ebo cuts these pieces of string in half. Write the missing lengths.

3 m





☐ cm

☐ cm

33 cm





☐ cm ☐ mm

☐ cm ☐ mm

1 m 33 cm





☐ cm ☐ mm

☐ cm ☐ mm

Reflect

Tick the two calculations you would need to do to solve this problem.

Susan buys 3 hose pipes. Each hose pipe is 3 m 60 cm metres long. How much hose pipe does she buy?

3 + 60 = 63 ☐

9 × 3 = 27 ☐

60 cm × 3 = 180 cm ☐

3 m × 3 = 9 m ☐