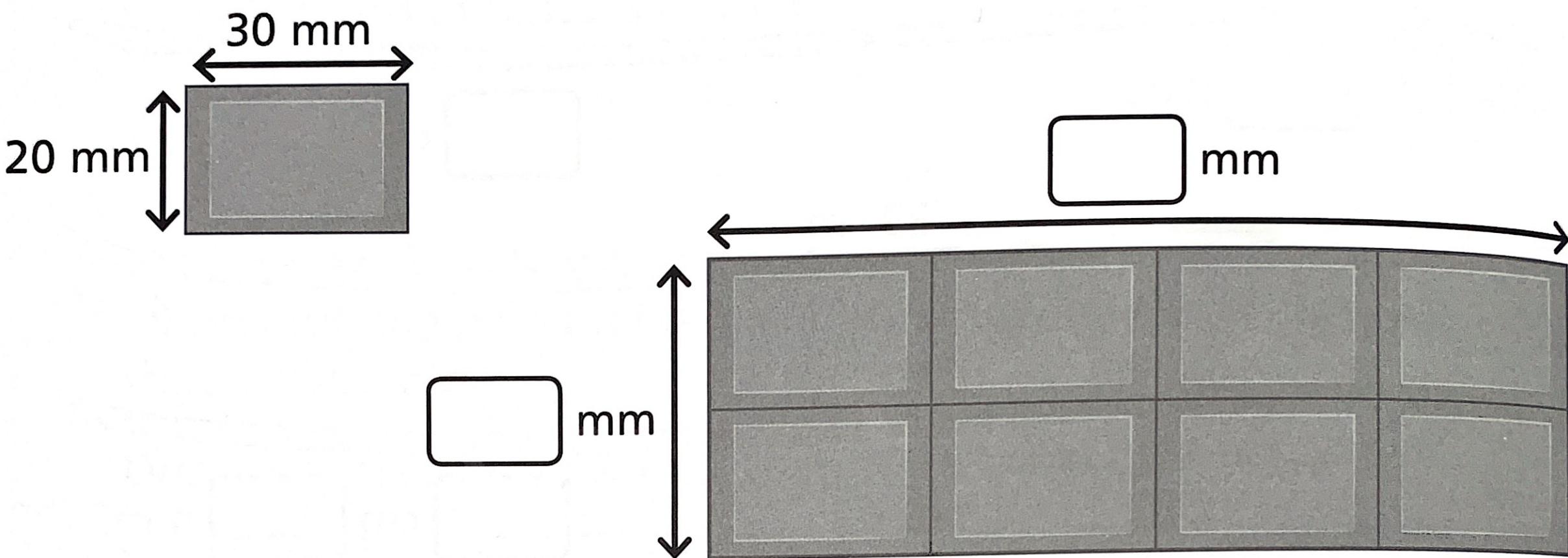


Problem solving – length 2

1 A chocolate bar is made up of 8 small pieces.

Each small piece is 20 mm wide and 30 mm long.

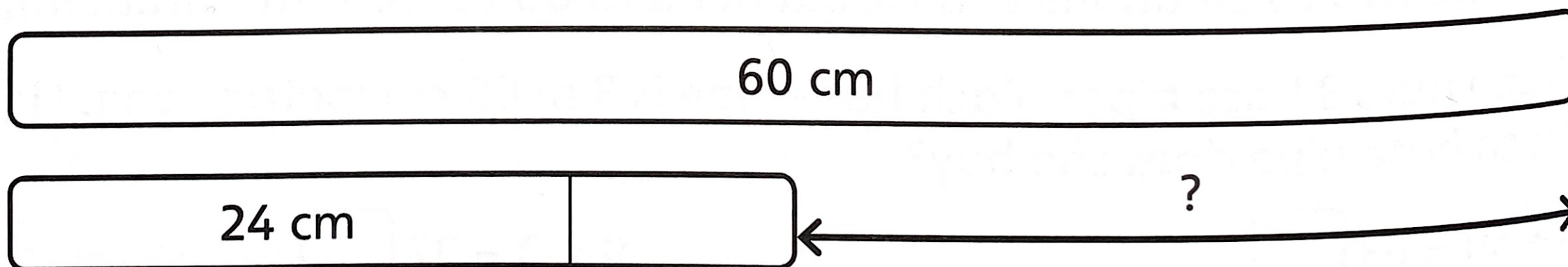
What is the width and length of the whole chocolate bar?



Blank area for writing the solution to problem 1.

2 Bella has 60 cm of ribbon. She uses 24 cm then 95 mm.

How much ribbon does she have left?



Bella has mm of ribbon left.

- 3 A tower has 6 storeys of 4 m 50 cm each and a roof of 3 m 27 cm.
What is the total height of the tower?



The tower is m and cm high.

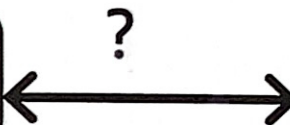
- 4 Amal walks his dog 55 m every minute for 5 minutes. Holly walks her dog 60 m every minute for 4 minutes. How much further do Amal and his dog walk?

Amal

55 m	55 m	55 m	55 m	55 m
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Holly

60 m	60 m	60 m	60 m
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- =

Amal and his dog walk
 m further.



- 5 Blue bricks are 5 cm tall and yellow bricks are 8 cm tall.
Geoff builds a tower with 2 blue bricks and 4 yellow bricks.
What bricks does he need to add to his tower to make it 60 cm tall?



Geoff needs blue bricks and yellow bricks.

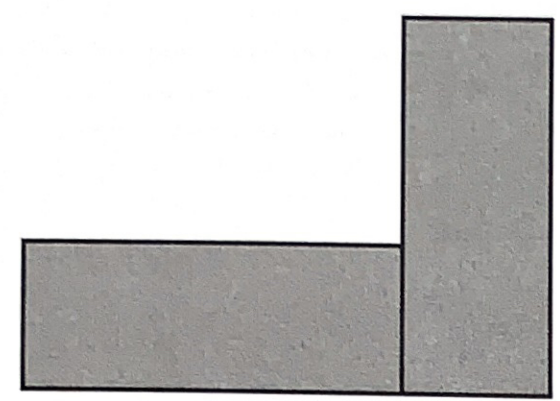
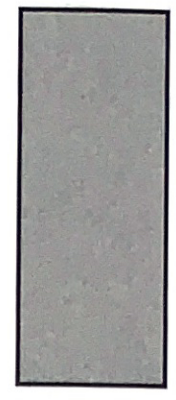


6 Look at the measurements of this rectangle.

The rectangle has been used twice to make this shape:

7 cm 5 mm

3 cm



What is the perimeter of the shape?

The perimeter is cm and mm.

What perimeters could you make with three of these rectangles?



Reflect

What new things have you learnt in this unit on length? Explain to your partner what you felt was the most important part of the unit and why.