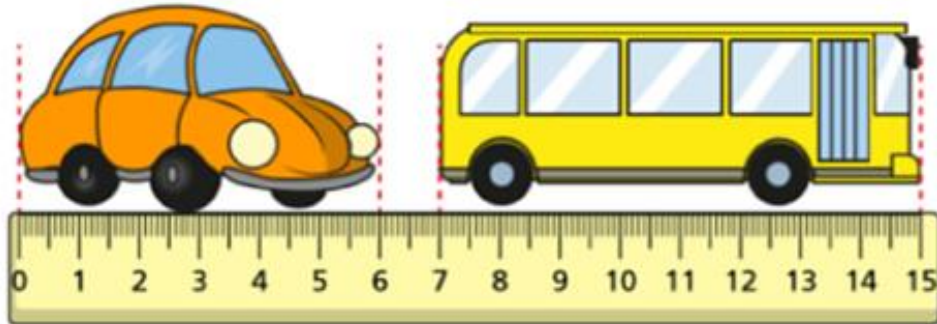


## Maths Challenges

### Challenge 1

Here is a toy car and bus.



By how many cm is the bus longer than the car?

### Challenge 2

Here are 3 beanbags.



They are placed on a seesaw.



Which beanbag is the heaviest?

## Maths Challenges

### Challenge 3

Amir is dividing a 2-digit number by 3.

His answer is a whole number.

$$\boxed{2}\boxed{\phantom{0}} \div \boxed{3}$$

What could the missing digit be?

### Challenge 4

Lewis makes a repeating pattern with some shapes.



Lewis repeats the pattern.

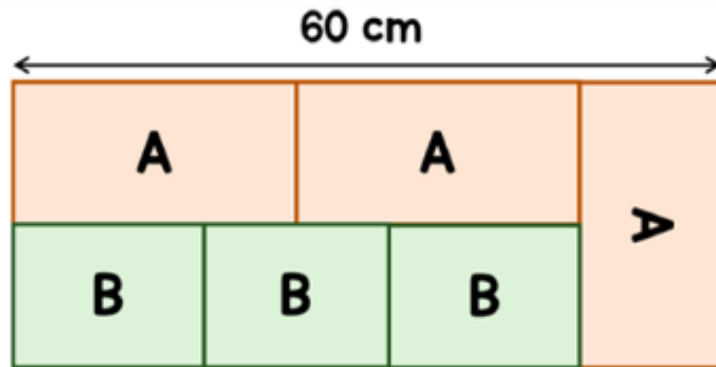
What is the shape in the 50<sup>th</sup> position?

## Maths Challenges

Only do this if you feel like challenging yourself further.

### Challenge 5

A large rectangle is made up of smaller rectangles, labelled A and B.

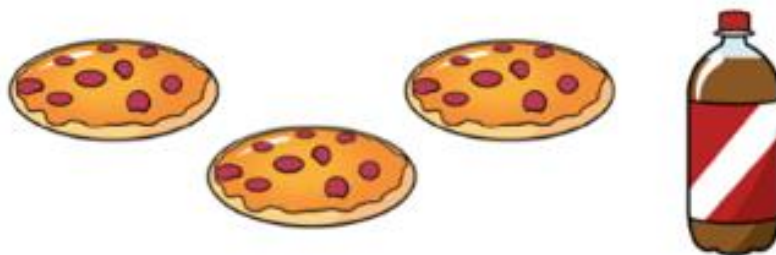


The length of A is double the width of A.

Find the area of one of the rectangles labelled B.

### Challenge 6

Mina buys 3 pizzas and a bottle of cola.



A pizza costs £3.20 more than a bottle of cola.

The total cost of the items is £19.40

How much does a pizza cost?

# Answers

Challenge 1 - 2 cm

Challenge 2 - B

Challenge 3 - 1, 4 or 7

Challenge 4 - Yellow circle

Challenge 5 -  $192 \text{ cm}^2$

Challenge 6 - £5.65