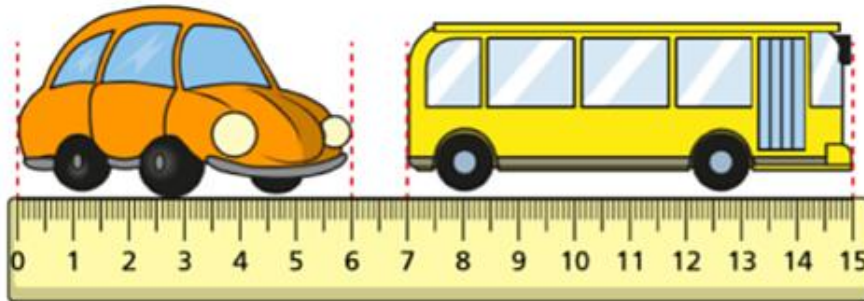


White Rose Challenges

Challenge 1

Here is a toy car and bus.



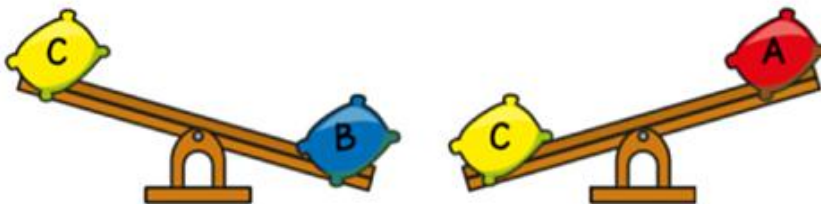
By how many cm is the bus longer than the car?

Challenge 2

Here are 3 beanbags.



They are placed on a seesaw.



Which beanbag is the heaviest?

Challenge 3

Amir is dividing a 2-digit number by 3.

His answer is a whole number.

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

What could the missing digit be?

Challenge 4

Lewis makes a repeating pattern with some shapes.

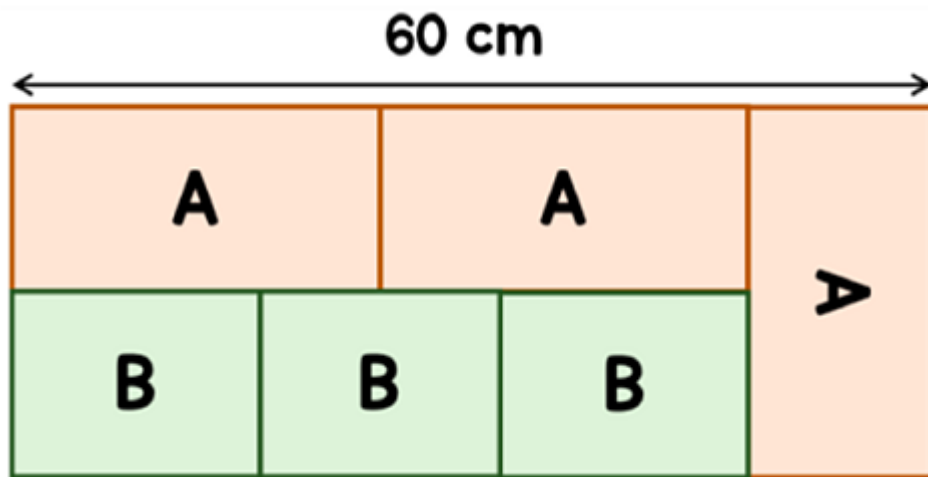


Lewis repeats the pattern.

What is the shape in the 50th position?

Challenge 5

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

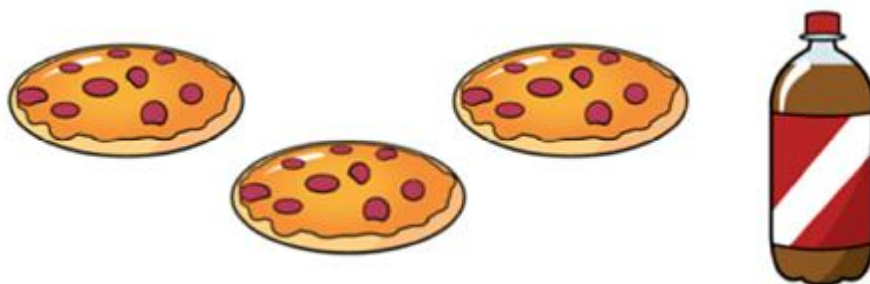


The length of A is double the width of A.

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?