

Challenge 3

If

$$70 + \text{yellow circle} = 100$$

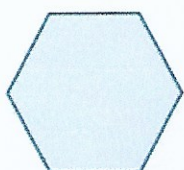
$$50 + \text{green triangle} = 100$$

$$\text{yellow circle} + \text{green triangle} + \text{blue square} = 100$$

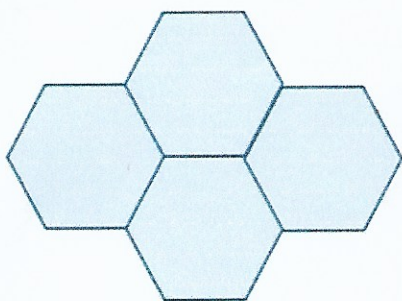
What is the value of the blue square?

Challenge 4

The perimeter of this regular hexagon is 42 cm.



Four of these hexagons are put together to make this shape.



What is the perimeter of the shape?

Challenge 5

Charlie has a tin of paint.

The tin is half full and weighs 5.8 kg. Charlie paints a wall in his house.

The tin is now a quarter full and weighs 3.1 kg.

How much does the empty tin weigh?

