Problem Solving

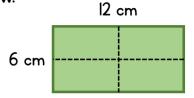**1** A rectangle has a length of 12 cm and a width of 6 cm.
It is cut in quarters like shown below.

12 cm

6 cm

The four parts are put together to make the following shape.

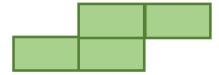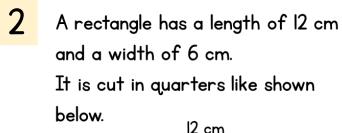What is the perimeter of the new shape?   48 cm

2 A rectangle has a length of 12 cm and a width of 6 cm.
It is cut in quarters like shown below.

12 cm

6 cm

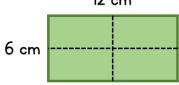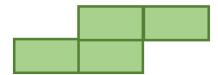The four parts are put together to make the following shape.

What other perimeters could be made?   Numerous solutions

Modelled solutions are on the video

Problem Solving

3 There are 81 red, blue and yellow counters in total.

There are 9 more red counters than yellow ones.

There are the same amount of yellow and blue counters.

How many of each colour are there?

🔴 = 33

🟡 = 24

🔵 = 24

4 There are 81 red, blue and yellow counters in total.

There are 9 more red counters than yellow ones.

There are the same amount of red and blue counters.

How many of each colour are there?

🔴 = 30

🟡 = 21

🔵 = 30

Modelled solutions are on the video