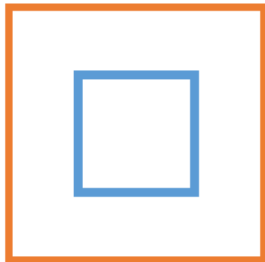## Challenge

Here is a square inside another square.

The perimeter of the inner square is 16cm
The outer square's perimeter is four times the size of the inner square.

What is the length of one side of the outer square?

How do you Know? What do you notice?

Extra Challenge

The yellow rectangle has a perimeter of 38cm. What is the value of a?