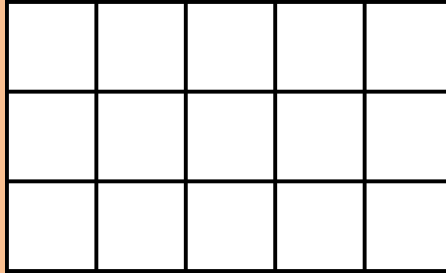


Multiplication as arrays

What two multiplication sentences could we write for this array?

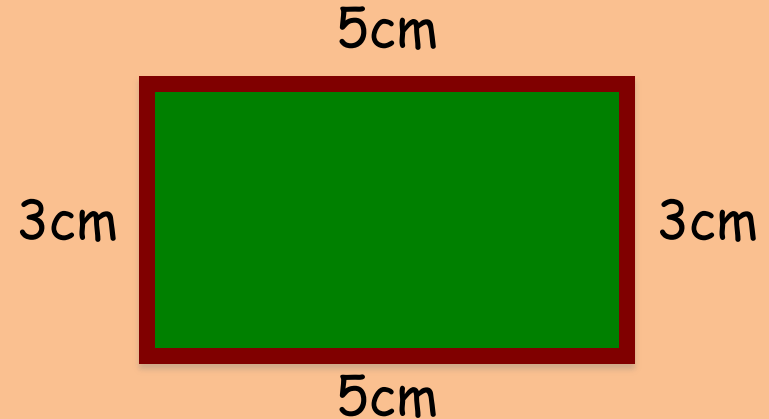


$$3 \times 5 = 15 \quad \text{OR} \quad 5 \times 3 = 15$$

We have just calculated the area of this rectangle!

Perimeter and area (rectangles)

Think of a field with a fence around it:



Perimeter

... is the total length of the fence.

You work it out by adding up how long all 4 sides of the fence are

... $3 + 5 + 3 + 5 = 16\text{cm}$

Area

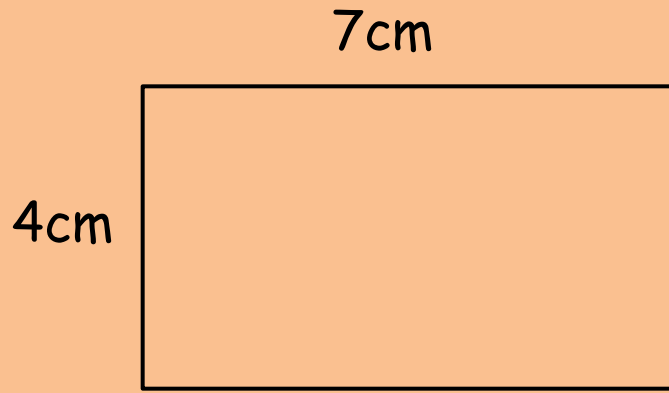
... is how much space is inside the fence.

You work it out by multiplying the length and the height of the field (rectangle)

... $3 \times 5 = 15\text{cm}^2$

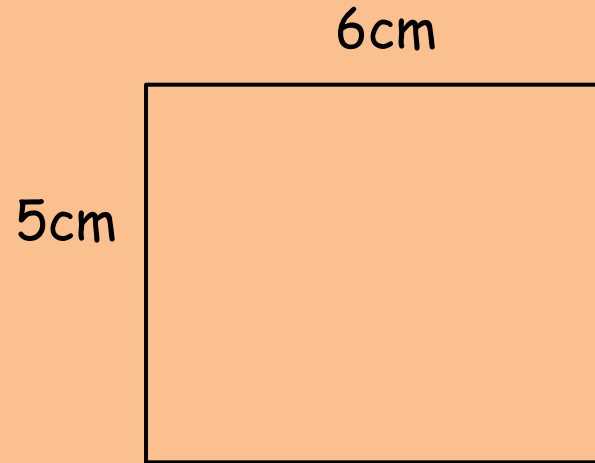
The little ² means 'square cm' and you always write an area as ____ cm^2

Perimeter and area (rectangles)



Perimeter: _____

Area: _____

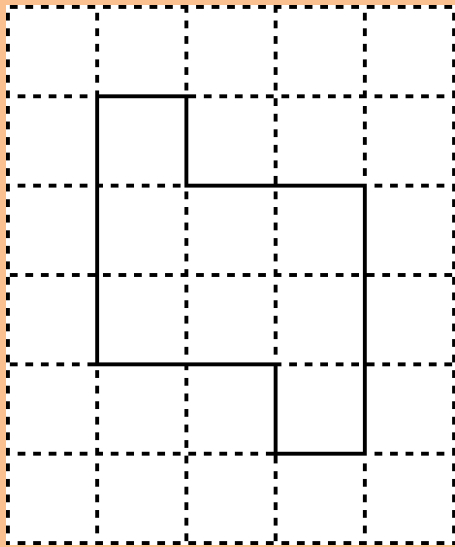


Perimeter: _____

Area: _____

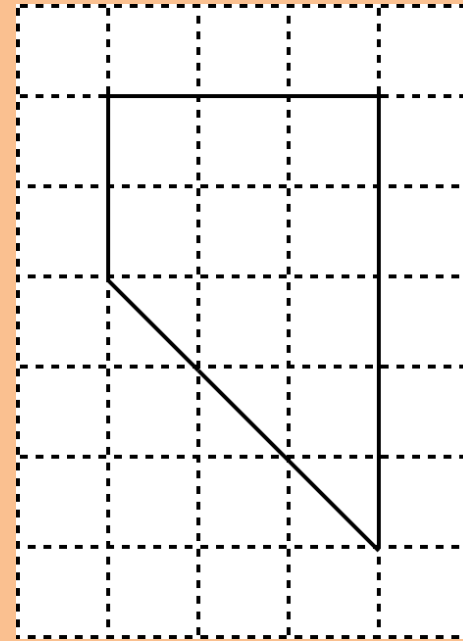
Perimeter and area (other shapes)

When a shape is not a rectangle we can use squares to help us



Perimeter: _____

Area: _____



Perimeter: _____

Area: _____