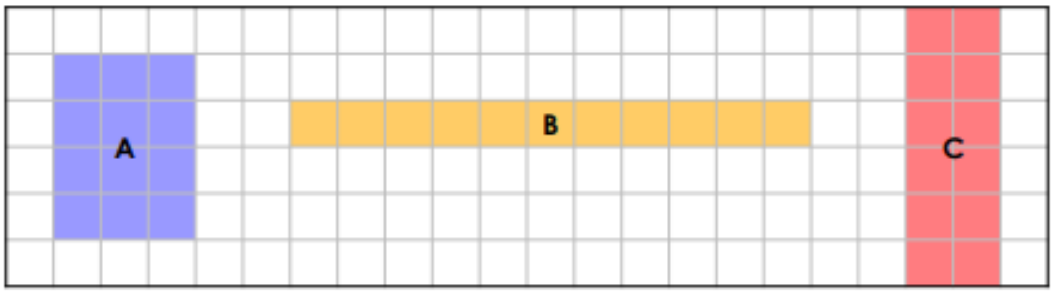
Y5 H/W

Area of Rectangles

1. Record the area of each rectangle. Which rectangle is the odd one out?

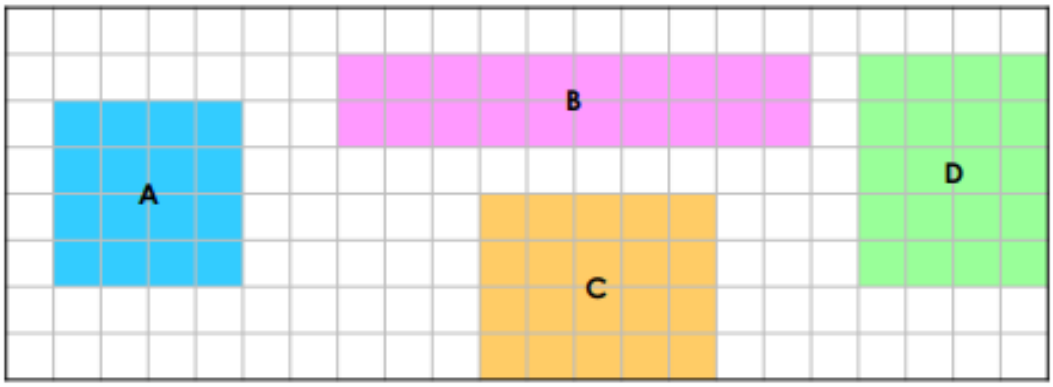


Shade in the correct square/s to make your chosen rectangle have the same area as the others.

Not to scale

VF
HW/Ext

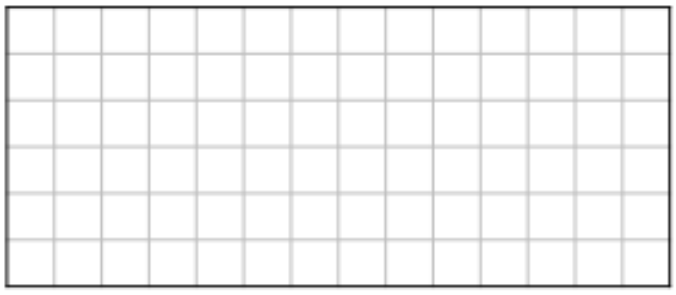
2. True or false? Each of these rectangles has the same area.



Not to scale

VF
HW/Ext

3. Ben calculates the length and width of his front garden to estimate how much turf he needs to order. He orders 12m² of turf.

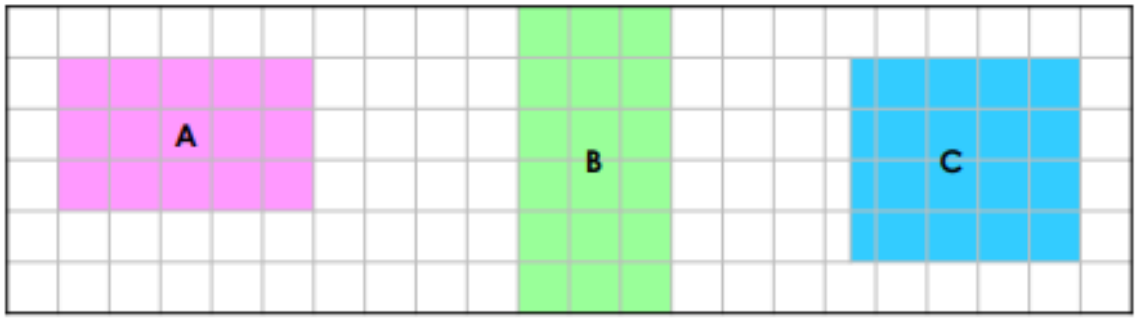


What could the length and width of the garden be?
Find 3 possibilities.

RPS
HW/Ext

Area of Rectangles

4. Record the area of each rectangle if each square measures 2cm. Which rectangle is the odd one out?

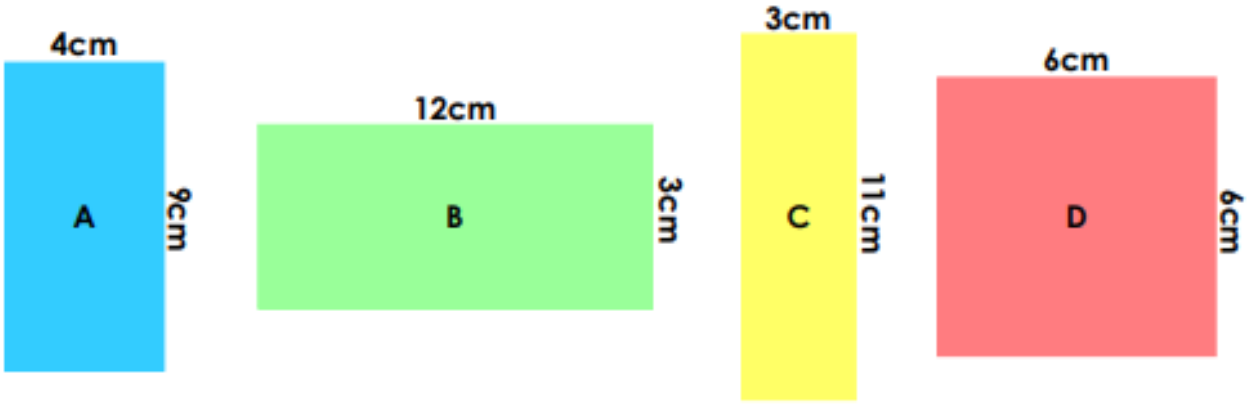


Shade in the correct square/s to make your chosen rectangle have the same area as the others.

Not to scale

VF
HW/Ext

5. True or false? Each of these rectangles has the same area.



Not to scale

VF
HW/Ext

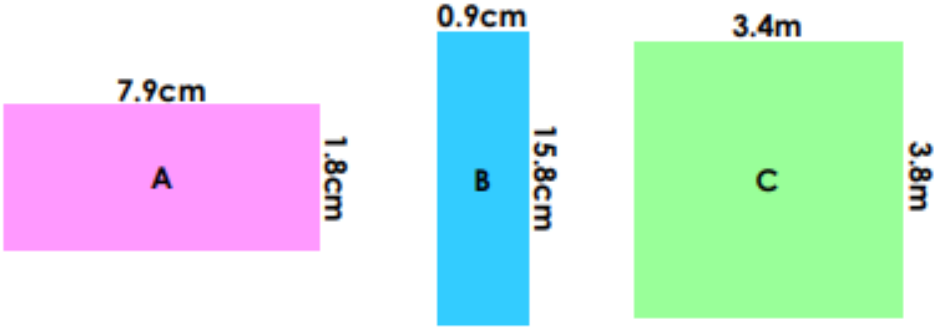
6. Lauren rounds the length and width of her rear garden to estimate how much turf she needs to order. She orders 72m² of turf.

What could the length and width of the garden be?
Find 3 possibilities.

RPS
HW/Ext

Area of Rectangles

7. Estimate the area of each rectangle. Which rectangle is the odd one out? .

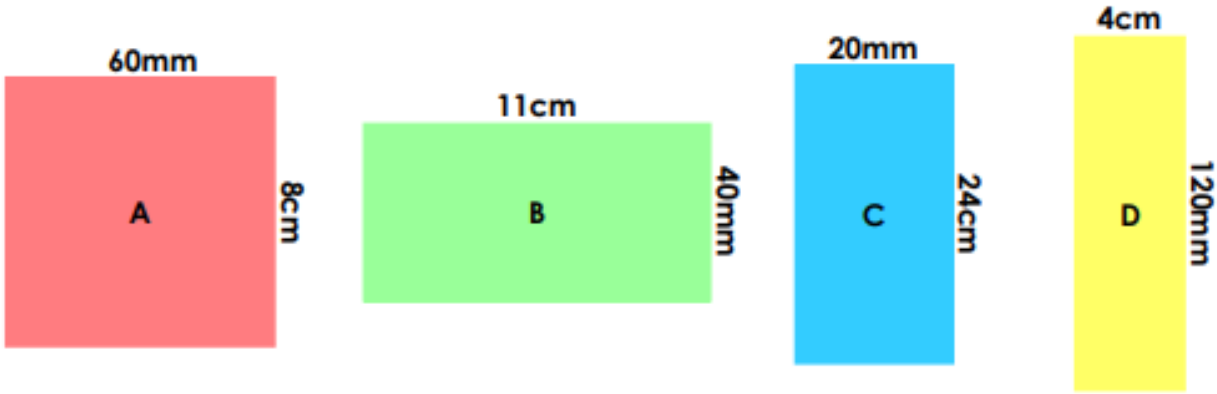


Change the width of your chosen rectangle so that it has the same area as the other rectangles.

Not to scale

VF
HW/Ext

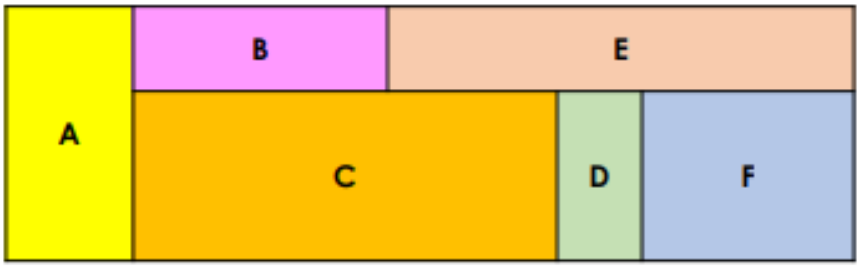
8. True or false? Each of these rectangles has the same area.



Not to scale

VF
HW/Ext

9. Peter has used small rectangles to create the large rectangle below.



The area of rectangle C is five times larger than D and two times larger than F.
The longest side of rectangle D is twice as long as its shortest side.
The longest side of rectangle A is twice as long as its shortest side.
The shortest sides of rectangles B, D and E is 1cm.
What is the total area of the rectangle Peter has created?

Not to scale

RPS
HW/Ext