

A.



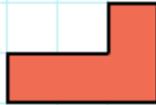
B.



C.

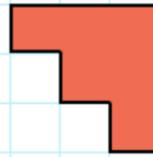


D.



All the shapes have the same perimeter.  
Which shape has the largest area?

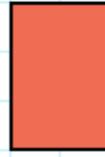
A.



B.



C.



D.



All the shapes have the same area.  
Which shape has the largest perimeter?

### Rectangles

	Width	Height	Perimeter
A.	5cm	5cm	20cm
B.	6cm	4cm	20cm
C.	7cm	3cm	20cm
D.	8cm	2cm	20cm

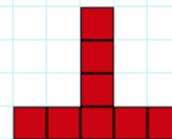
Which rectangle has the smallest area?

### Rectangles

	Width	Height	Area
A.	8cm	3cm	24cm <sup>2</sup>
B.	24cm	1cm	24cm <sup>2</sup>
C.	6cm	4cm	24cm <sup>2</sup>
D.	12cm	2cm	24cm <sup>2</sup>

Which rectangle has the smallest perimeter?

A farmer has 20m of fence.  
Using four straight lengths, what is the maximum area in square metres that he can enclose?



1 square = 1cm

Rearrange the squares on the grid to make a new shape with the smallest perimeter possible.  
In centimetres, what is the perimeter of the shape you have made?