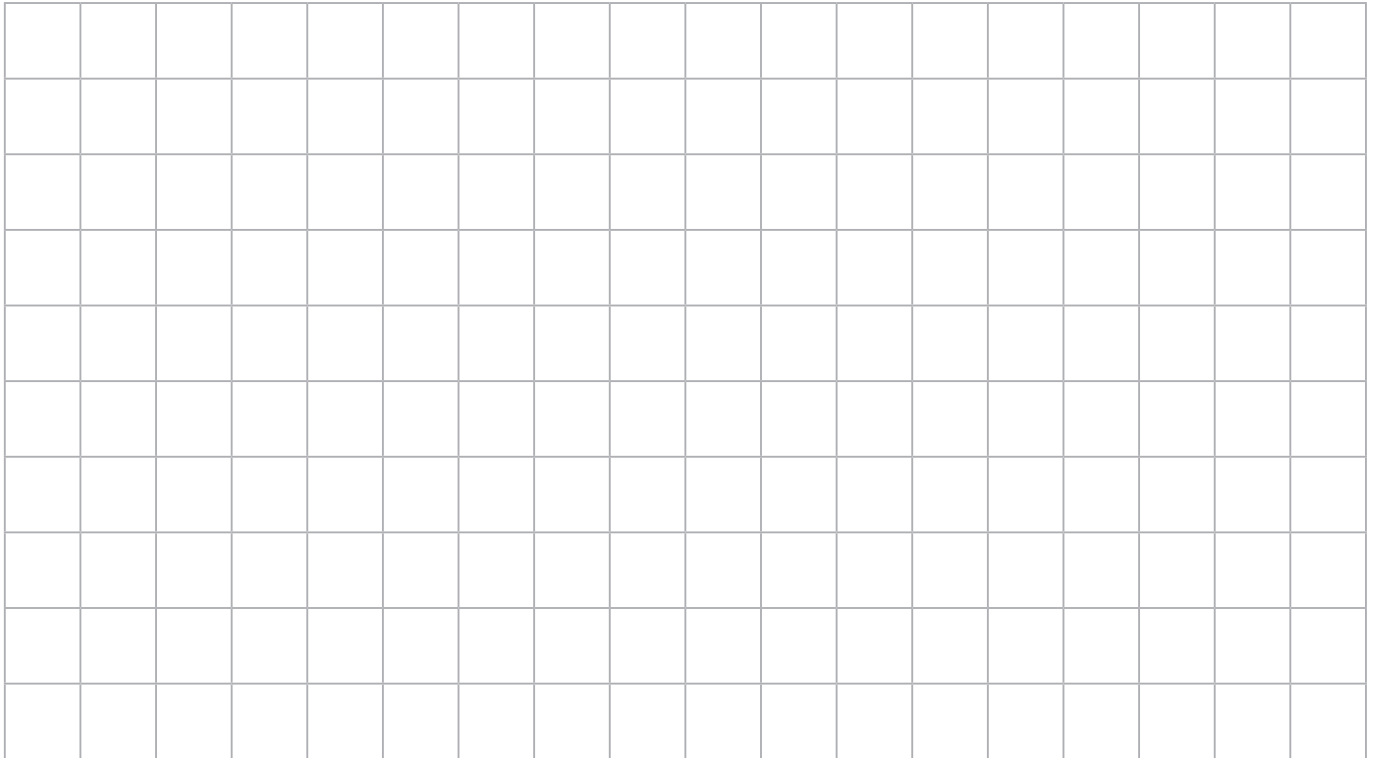


# Area and Perimeter Investigation

On the square grid below, draw 3 different rectangles with an area of  $12\text{cm}^2$  and label each A, B and C.



Complete this table:

Rectangle	Area	Length	Width	Perimeter
A	$12\text{cm}^2$			
B	$12\text{cm}^2$			
C	$12\text{cm}^2$			

What do you notice about the area and perimeter?

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## Area and Perimeter Investigation

On the squared grid below, draw 5 different rectangles with a perimeter of 20cm and label each D, E, F, G and H.



Complete this table:

Rectangle	Length	Width	Perimeter	Area
D			20cm	
E			20cm	
F			20cm	
G			20cm	
H			20cm	

What do you notice about the area and perimeter?

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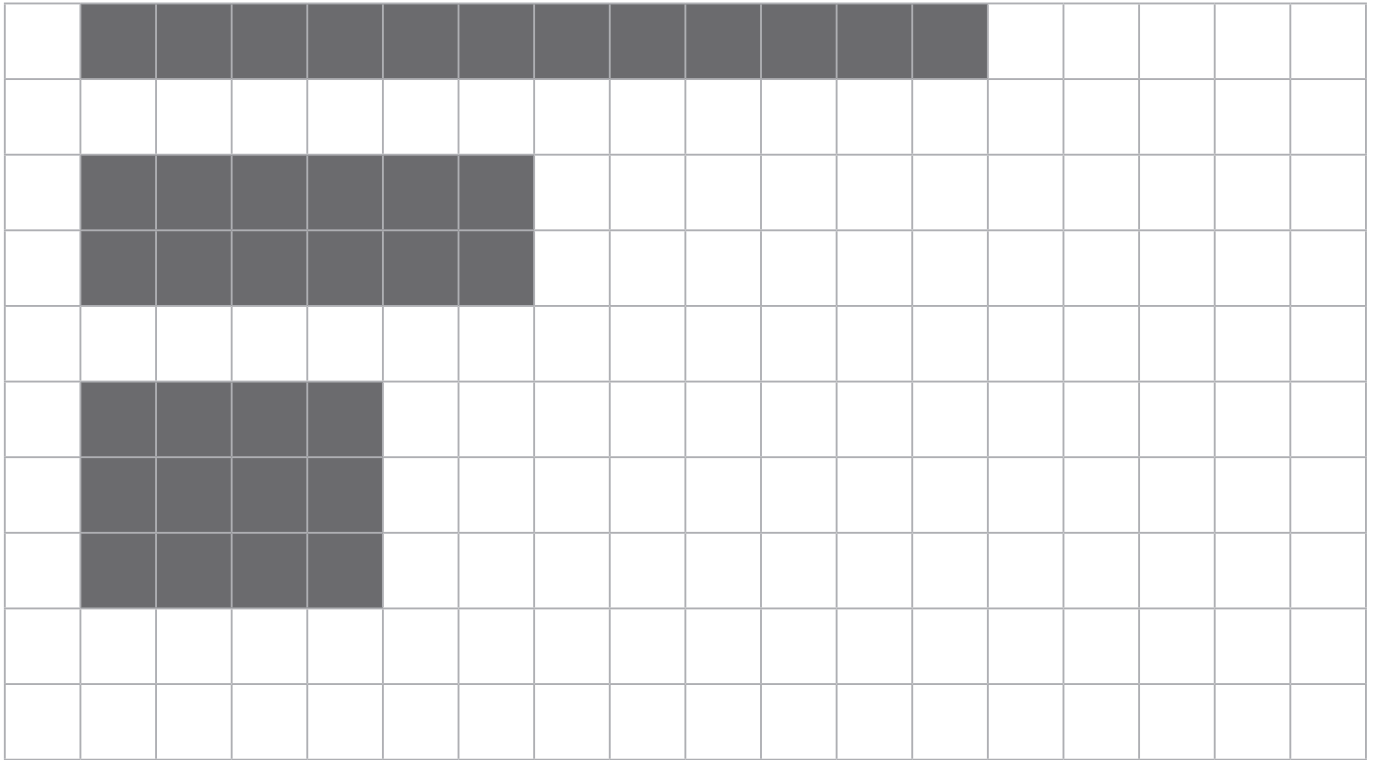
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# Area and Perimeter Investigation

## Answers

On the square grid below, draw 3 different rectangles with an area of  $12\text{cm}^2$  and label each A, B and C.



Complete this table:

**Answers given are likely answers, but not necessarily in that order.**

Rectangle	Area	Length	Width	Perimeter
A	$12\text{cm}^2$	<b>12cm</b>	<b>1cm</b>	<b>26cm</b>
B	$12\text{cm}^2$	<b>6cm</b>	<b>2cm</b>	<b>16cm</b>
C	$12\text{cm}^2$	<b>4cm</b>	<b>3cm</b>	<b>14cm</b>

What do you notice about the area and perimeter?