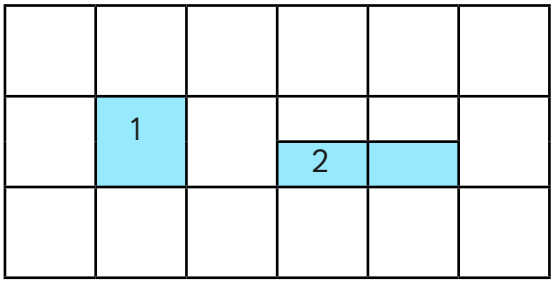
Investigating Perimeter and Area 2

Recognise that shapes with the same areas can have different perimeters and vice versa.

Using whole squares and half cm squares (rectangles), there are 2 rectilinear shapes that use 1 square:



Shape 1: Area _____ cm² Perimeter _____ cm

Shape 2: Area _____ cm² Perimeter _____ cm

What do you notice about the area and perimeter of these 2 shapes?

_____

_____

Draw the different shapes that use 2 squares and write the area and perimeter in the table on the next page.

Investigating Perimeter and Area 2

Shape	Area	Perimeter

What do you notice about the area and perimeter of these shapes?

_____

_____

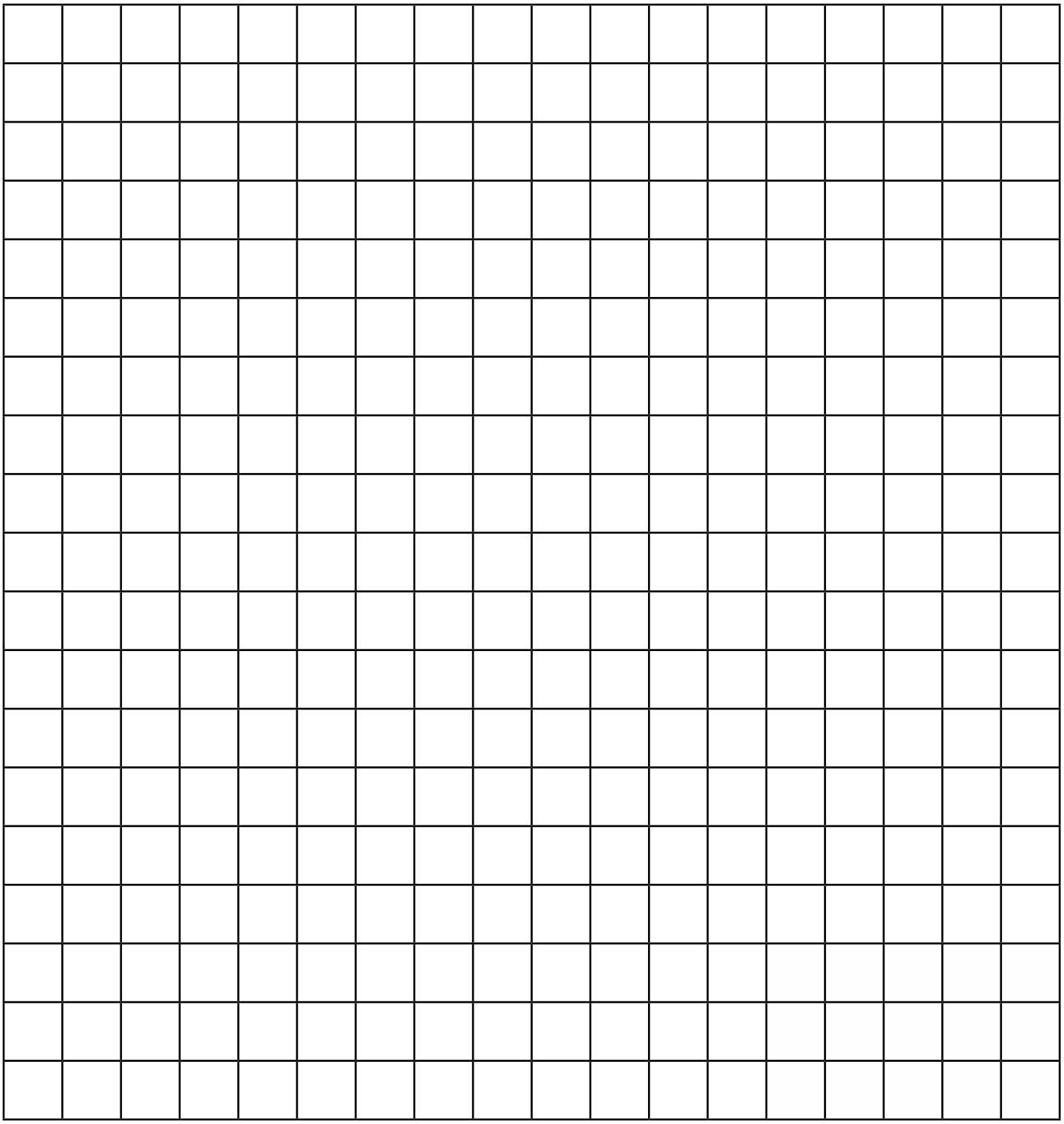
What reasons can you give for this?

_____

_____

Investigating Perimeter and Area 2

Draw different shapes with 3 squares and write the area and perimeter in the table on the next page.



Investigating Perimeter and Area 2

Shape	Area	Perimeter
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		

What have you found out?