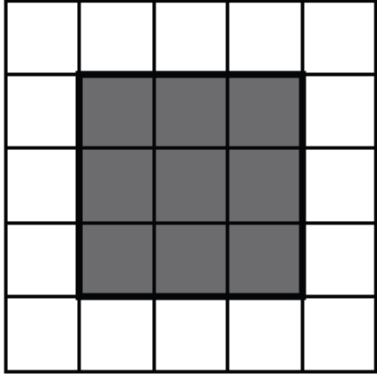


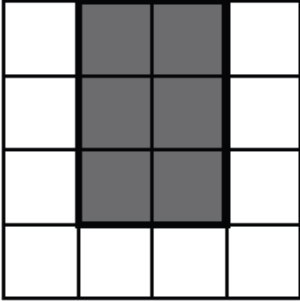
Tuesday 16<sup>th</sup> June 2020

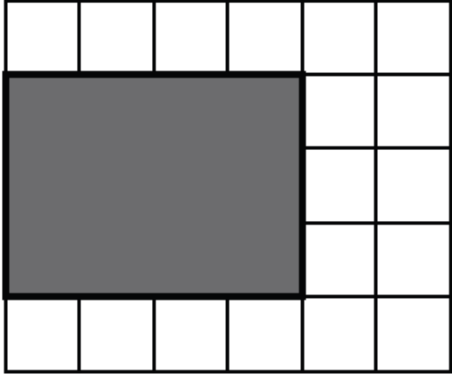
Calculating the area of rectilinear shapes

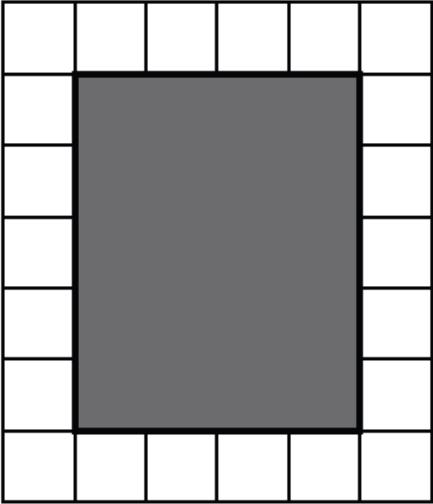
Calculate the area of these shapes. Remember Area =     <sup>2</sup>

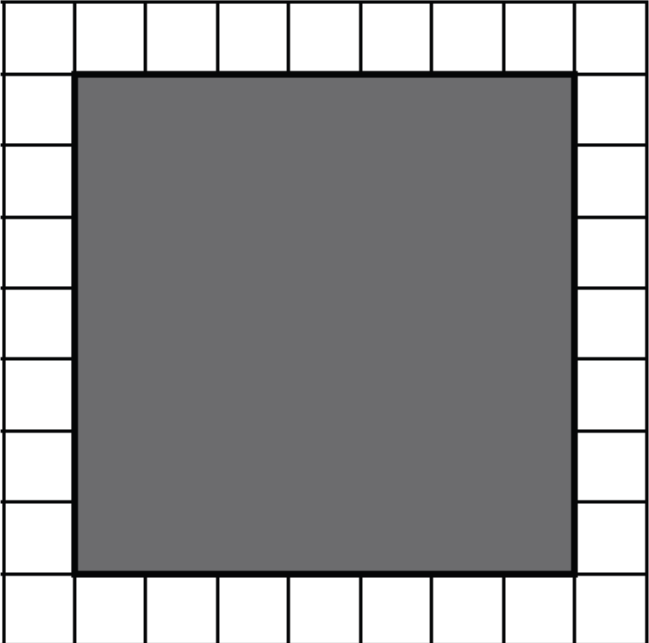
1.

a) 

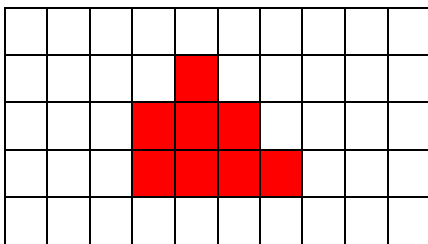
b) 

c) 

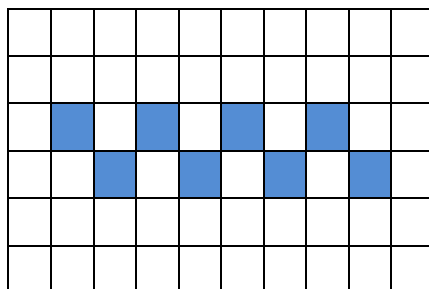
d) 

e) 

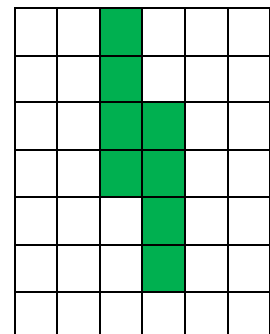
2. In your book, see how many rectilinear shapes you can draw with an area of  $8\text{cm}^2$ . Count up the perimeter of each of your shapes. Here are some examples you can copy to get started. You should do at least 5 more of your own designs.



$A = 8\text{cm}^2$ ,  $P = 14\text{cm}$



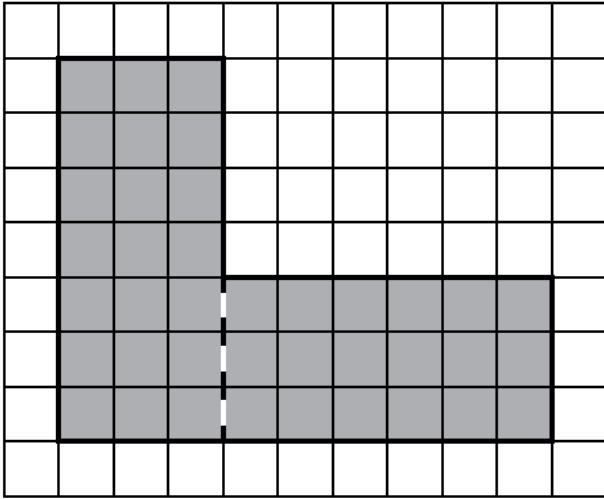
$A = 8\text{cm}^2$ ,  $P = 32\text{cm}$



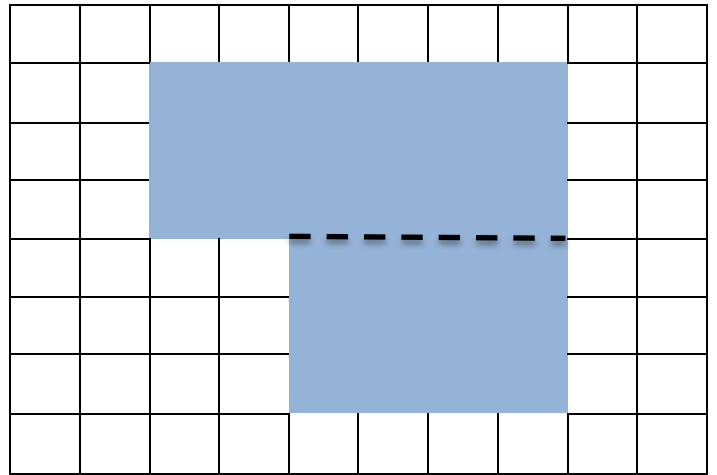
$A = 8\text{cm}^2$ ,  $P = 16\text{cm}$

3. Calculate the area of these rectilinear shapes. They have been divided into two rectangles to help you.

a)



b)



**CHALLENGE:**

Someone has had a bite of this chocolate bar. The chocolate bar was a very neat rectangle before it was bitten. Can you work out how many squares of chocolate there were to start with?

