

Mathematics

Calculate the area of rectilinear shapes

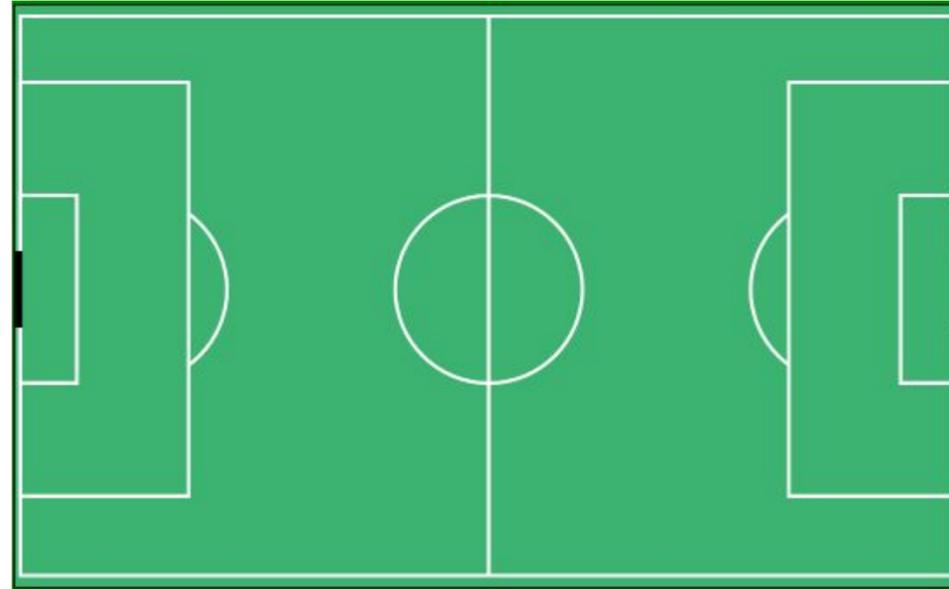
Mr Kelsall



Warm up

Decide if the following are a measure of area, length or perimeter.

The distance a javelin is thrown.

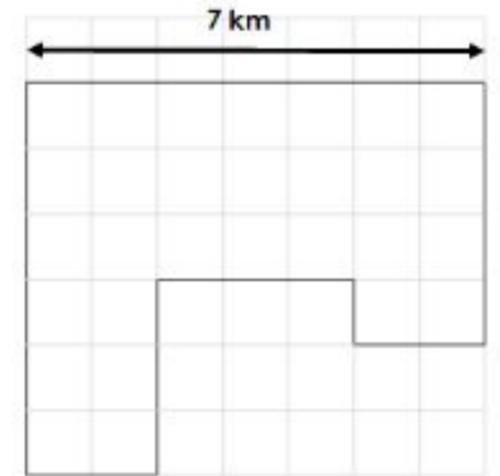
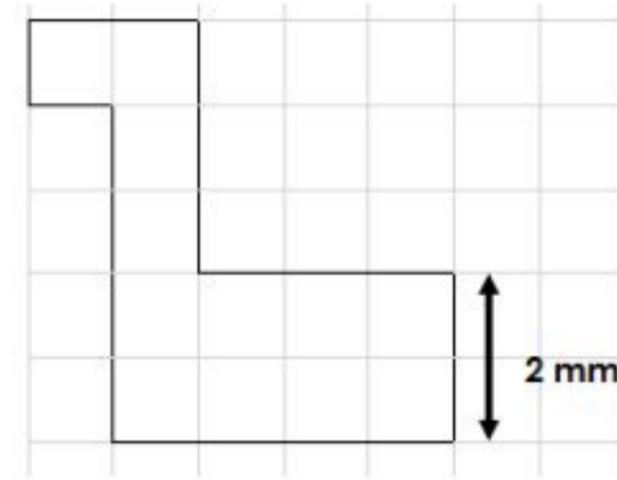
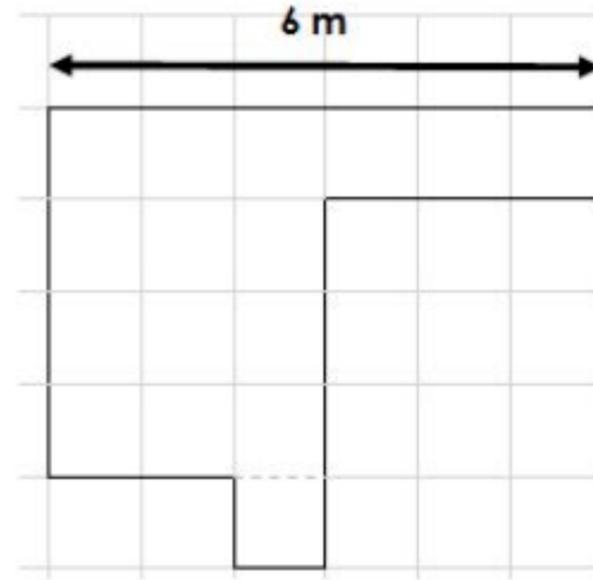
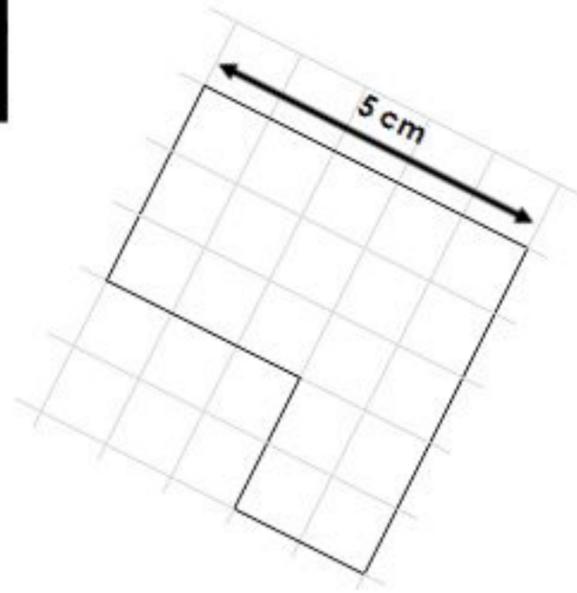
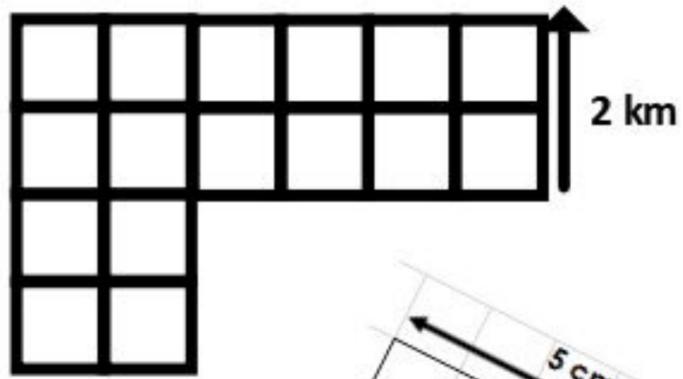


The amount of turf needed to cover a football pitch.

The amount of rope used to surround a boxing ring.

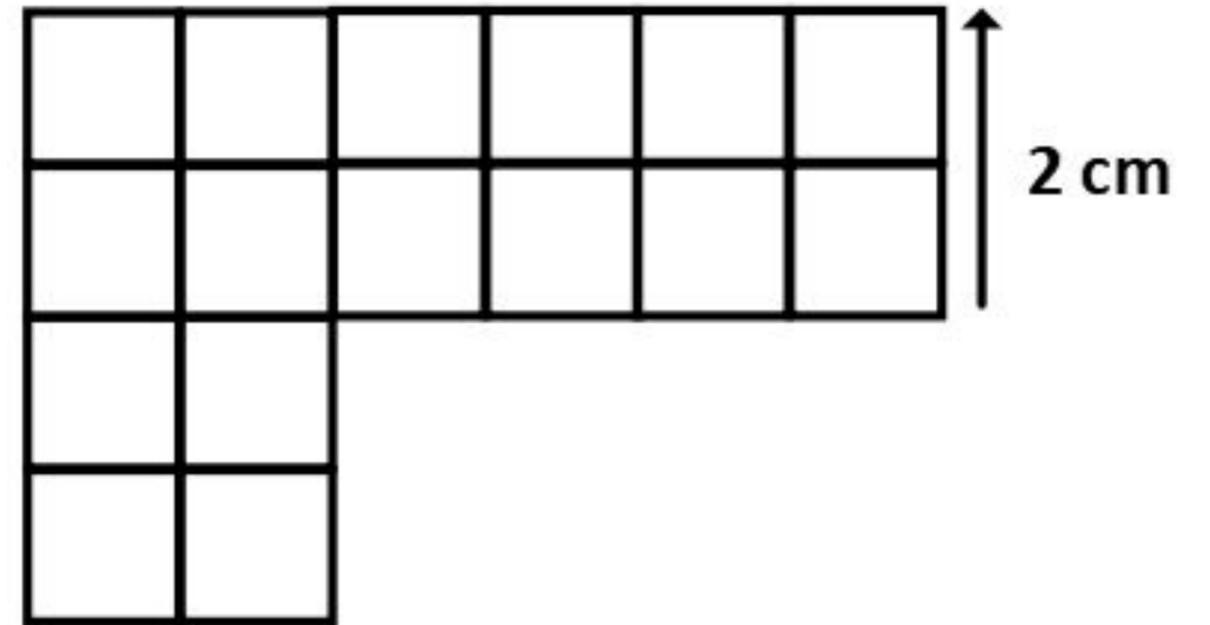
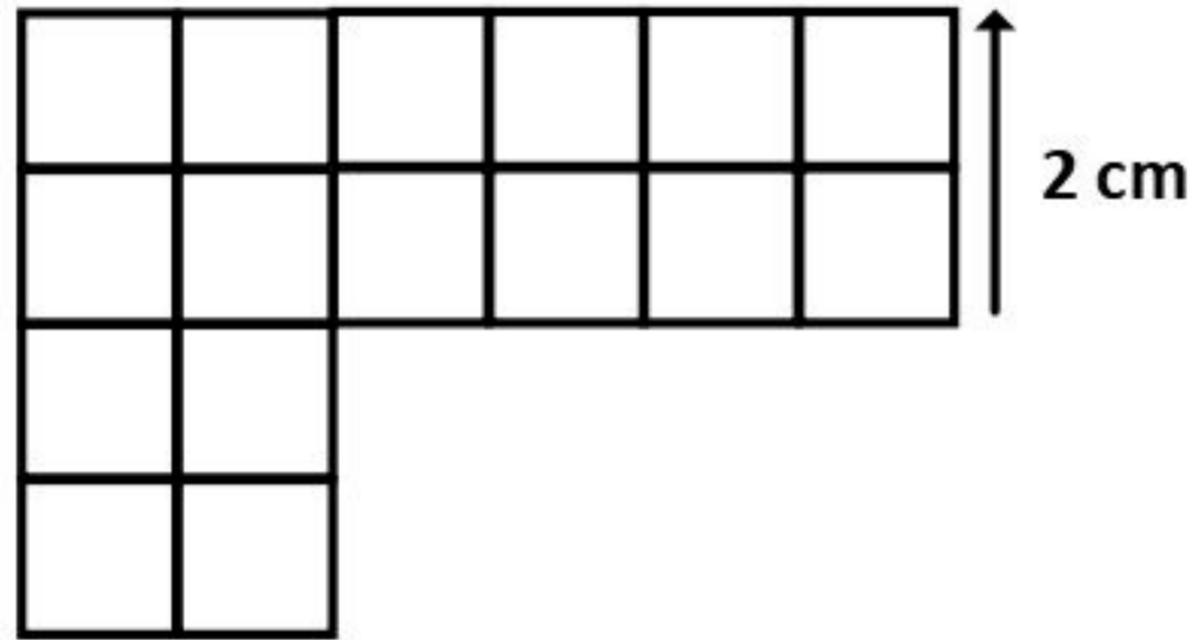


These are rectilinear shapes. How can we describe rectilinear shapes?



How would you find the area of this rectilinear shape?

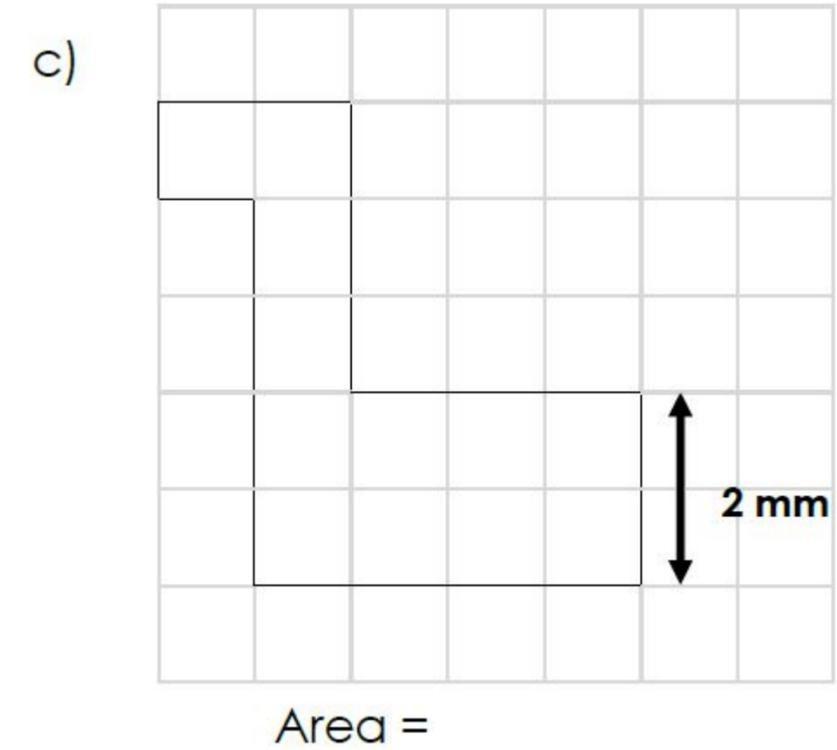
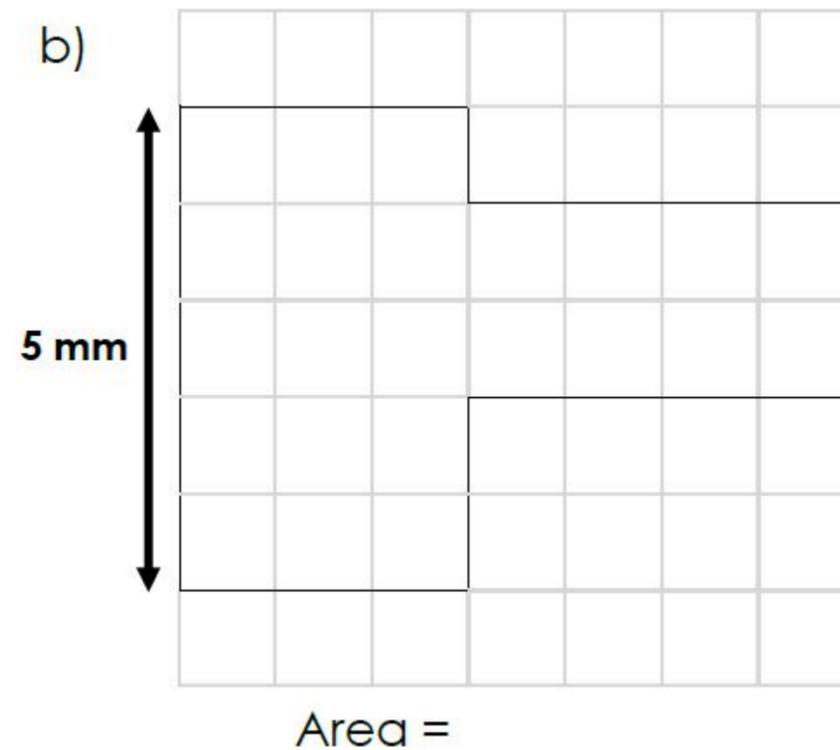
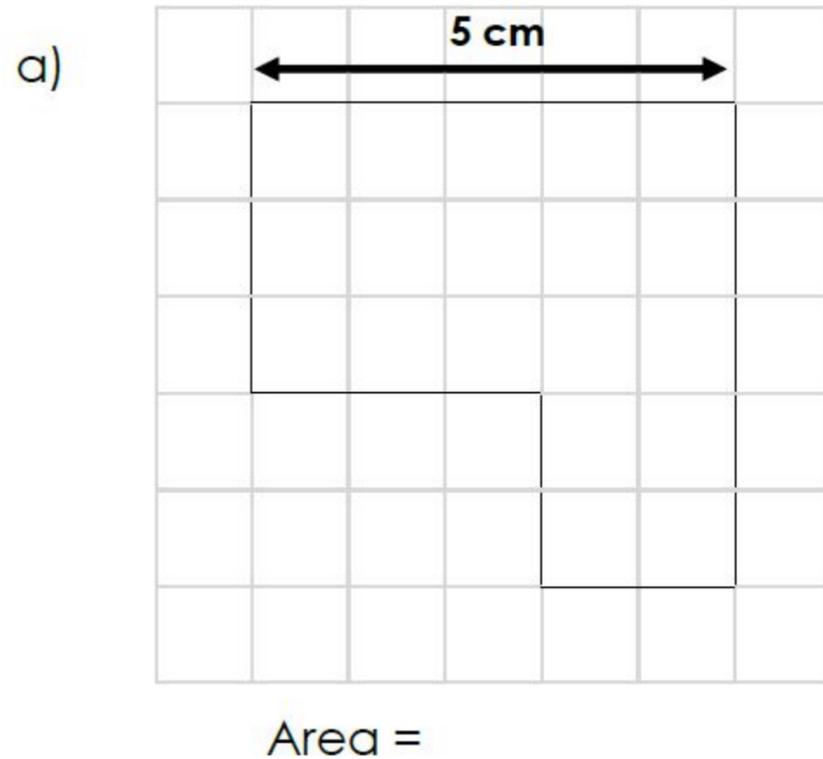
length x width = area



Split the rectilinear shapes and calculate their area

*images are not to scale

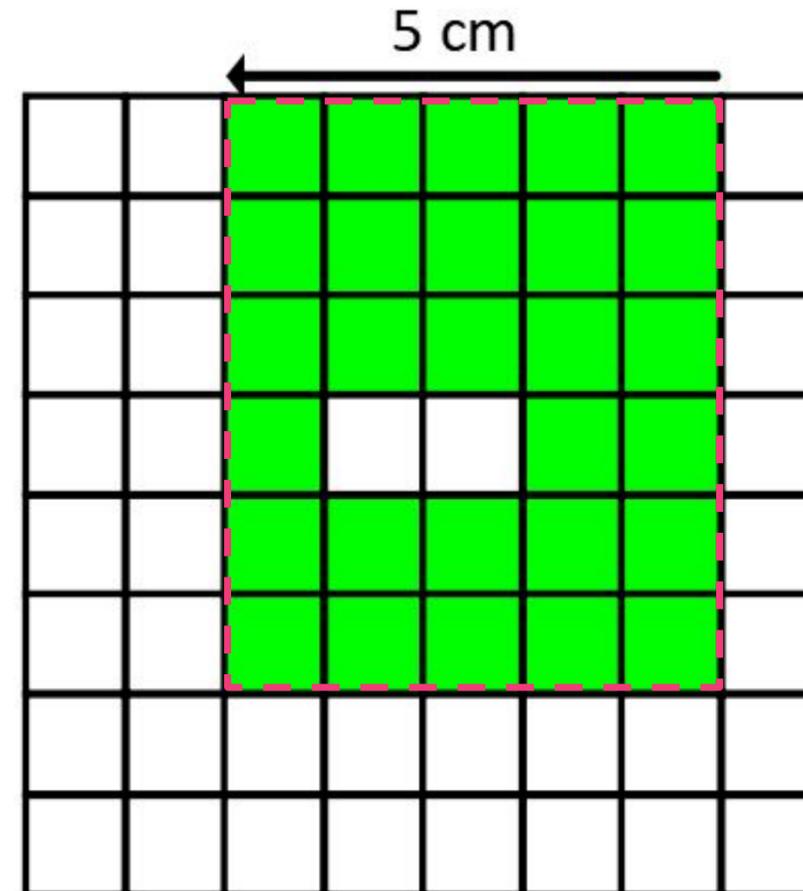
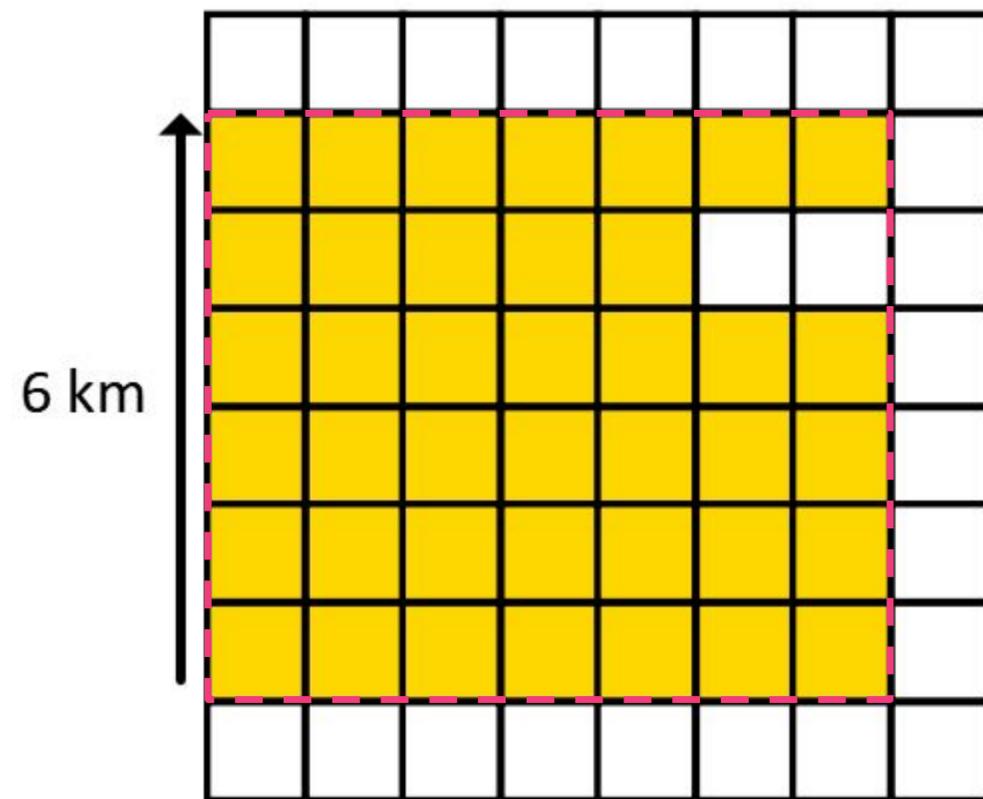
length x width = area



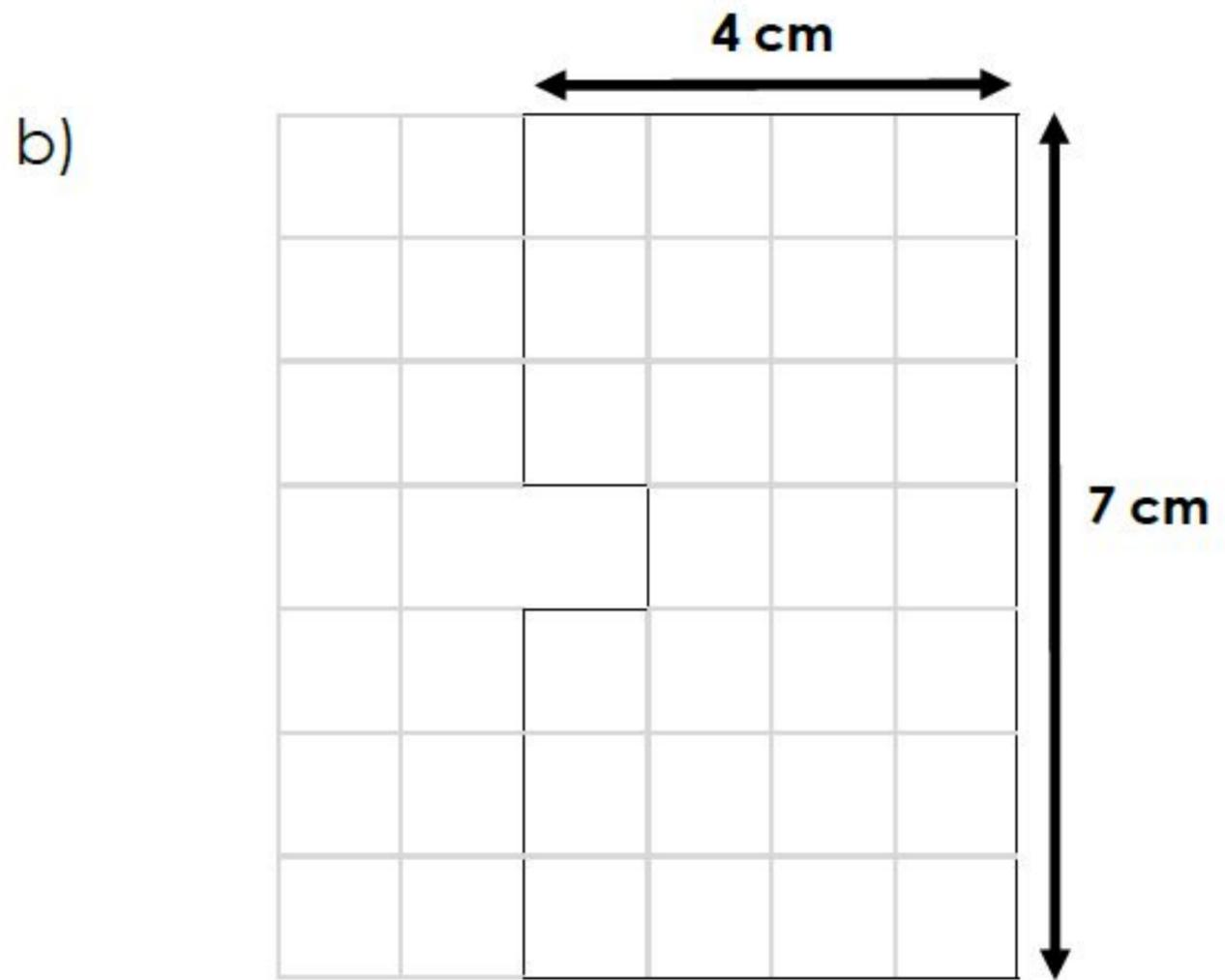
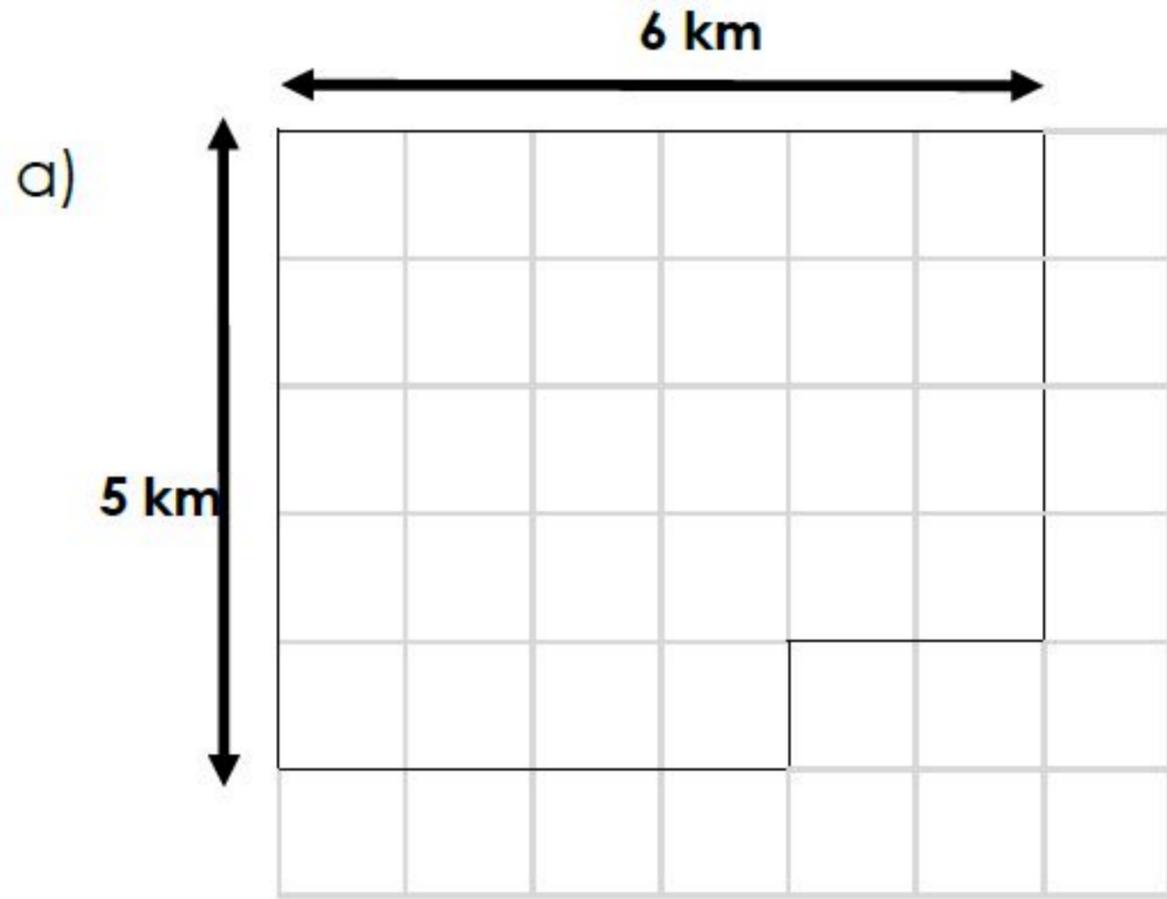
Calculate the area using strategy 2

*images are not to scale

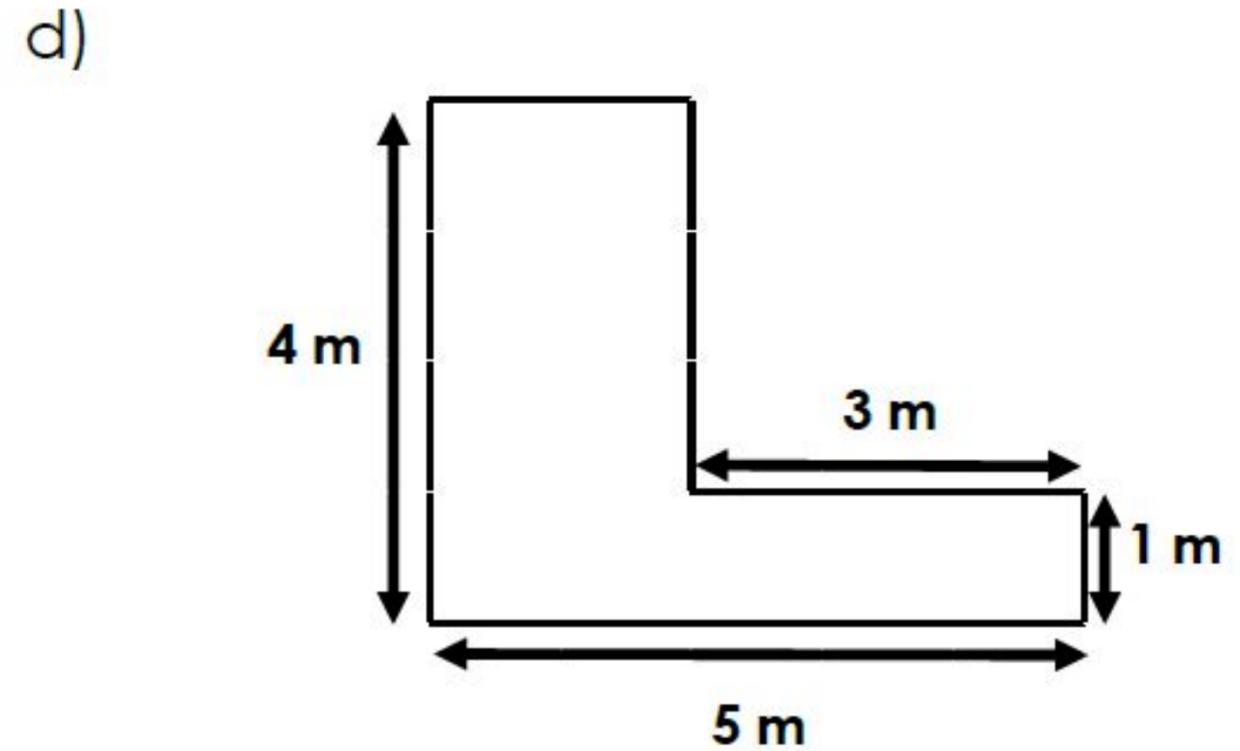
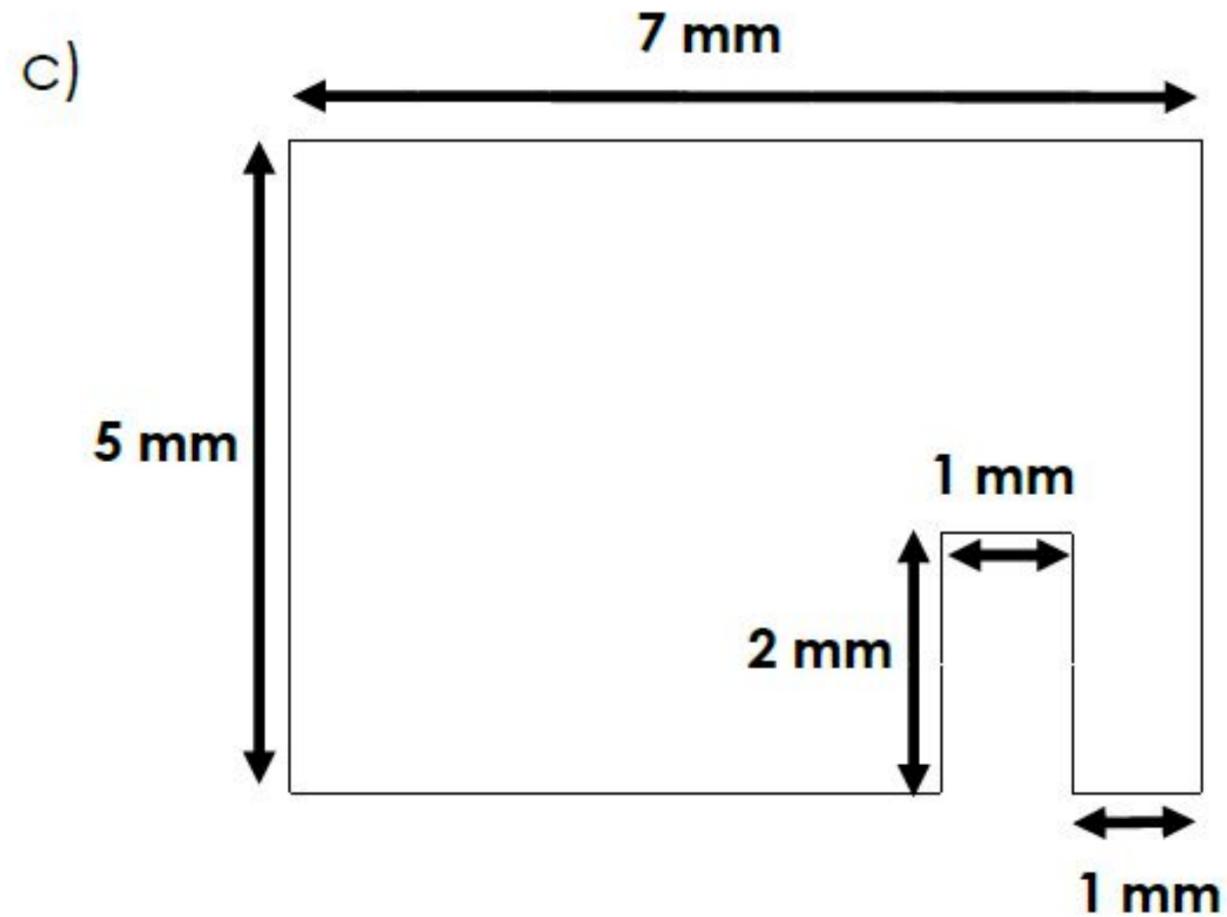
length x width = area



Use your preferred strategy to calculate the area of the rectilinear shapes



Use your preferred strategy to calculate the area of the rectilinear shapes



Use your preferred strategy to calculate the area of the rectilinear shapes

