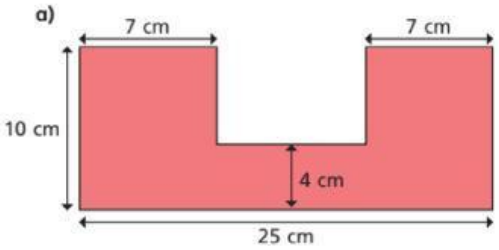
Area Extension [Grab your reader's attention with a great quote from the document or use this space to emphasize a key point. To place this text box anywhere on the page, just drag it.]

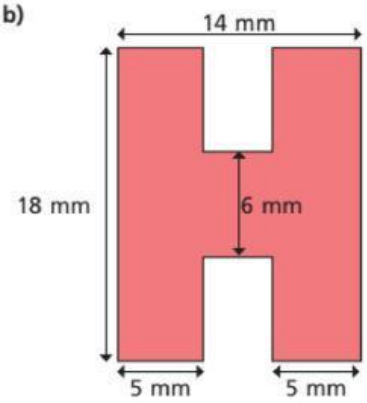
Calculate the area of these compound shapes.

a)



cm^2

b)



mm^2



Samantha is planning to tile her rectangular kitchen floor. The length of her kitchen is 6 meters, and the width is 4 meters. Each square tile measures 0.5 meters by 0.5 meters. How many tiles will Samantha need to cover her entire kitchen floor?

tiles

A rectangular swimming pool has a length of 12 meters and a width of 8 meters. The pool is surrounded by a tiled pathway that is 2 meters wide on all sides. What is the total area of the pool and the pathway combined?



m^2

A farmer has 60 metres of perimeter fencing.

For every 1 m² he can keep 1 chicken.



How can he arrange his fence so that the enclosed area gives him the greatest area?

LIVEWORKSHEETS