

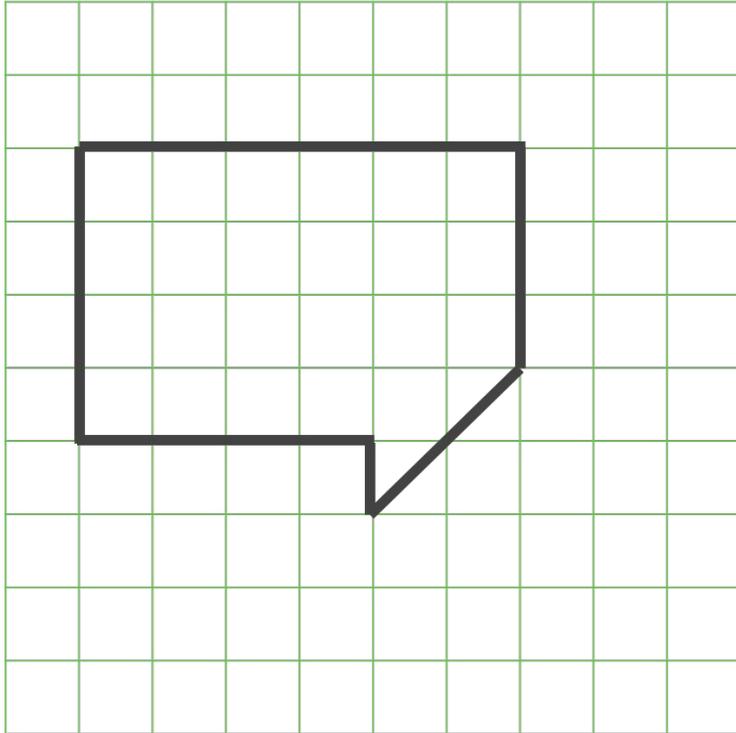
Mathematics

Revisiting Area: Compound shapes. Downloadable resource.

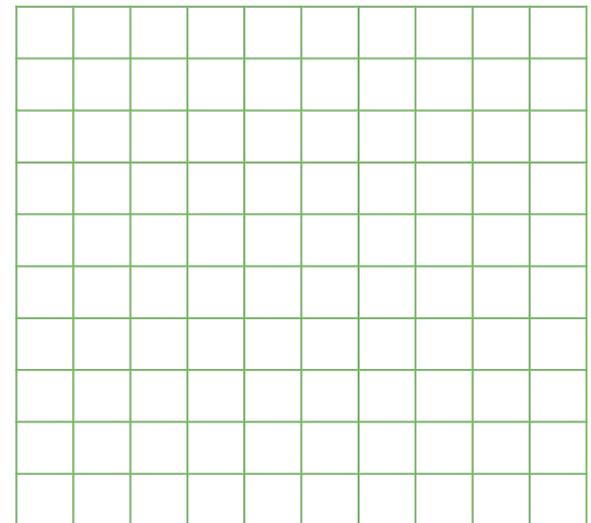
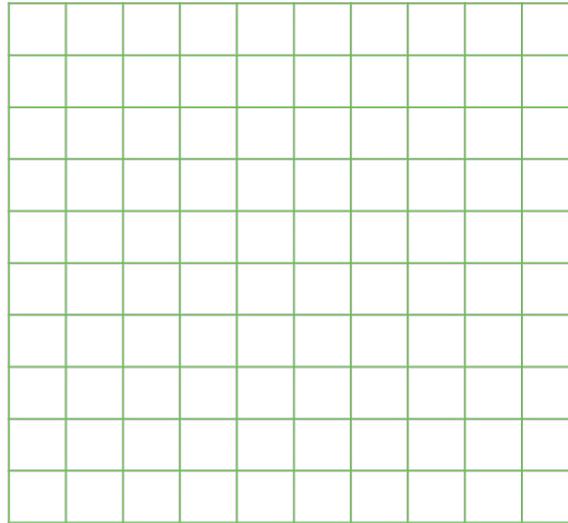
Mr Maseko



Try this



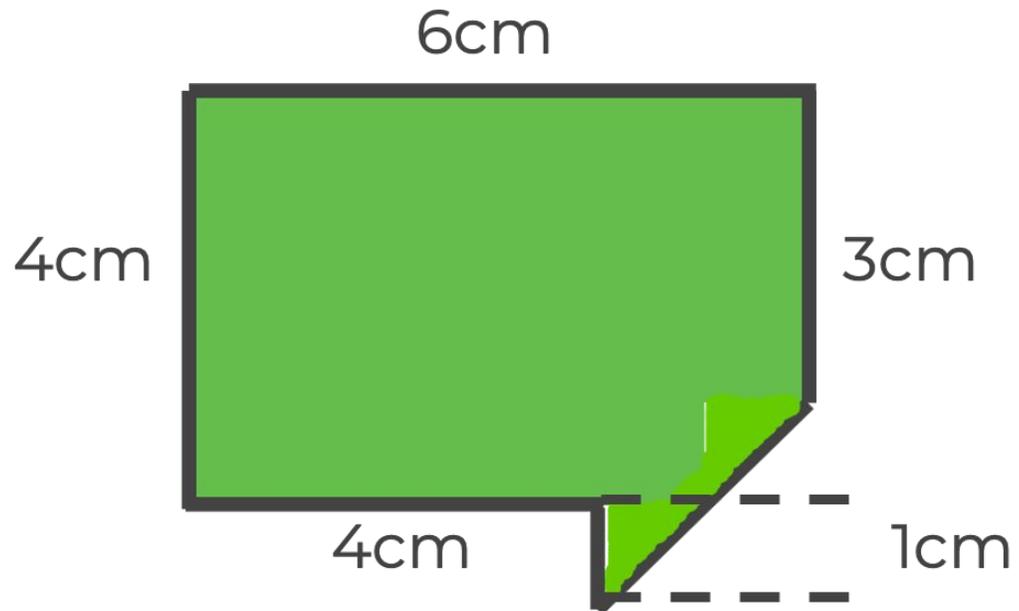
On the grids below draw a triangle and a rectangle with the same area as the shape on the left.



Connect

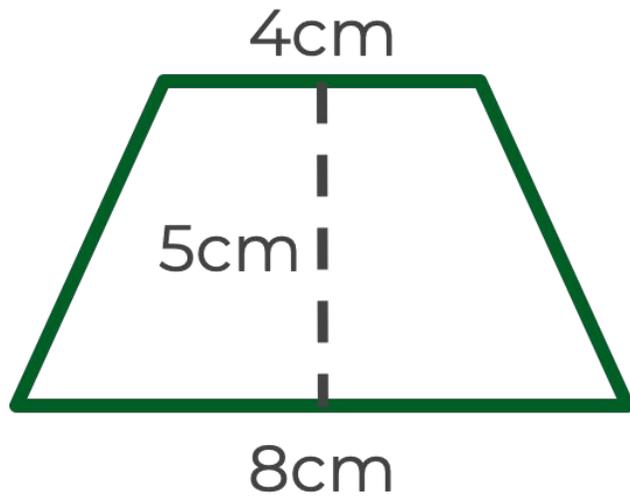
Compound shapes are made from 2 or more shapes put together.

How would you work out the area of this shape if you were just given the lengths?



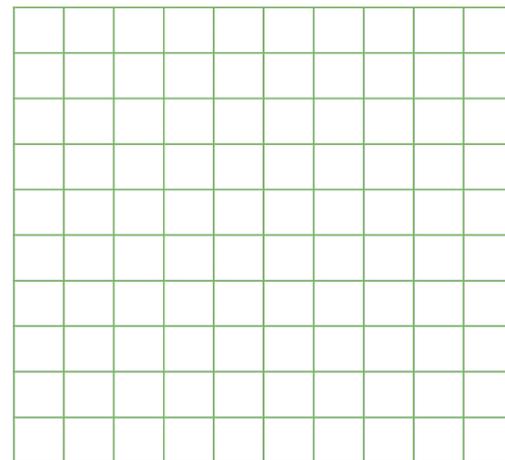
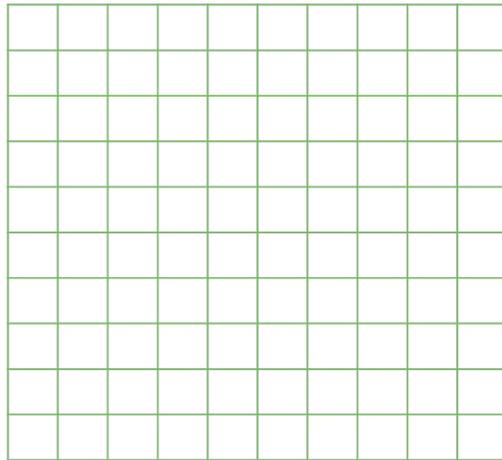
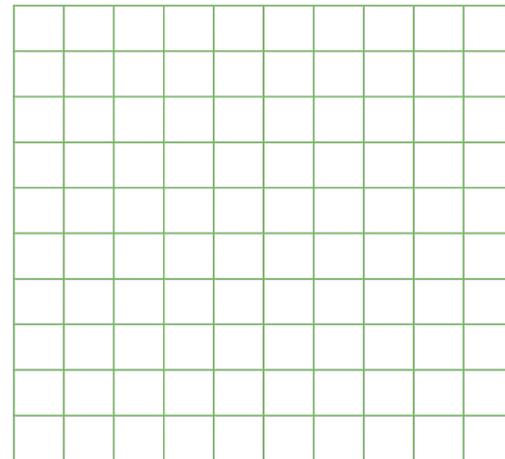
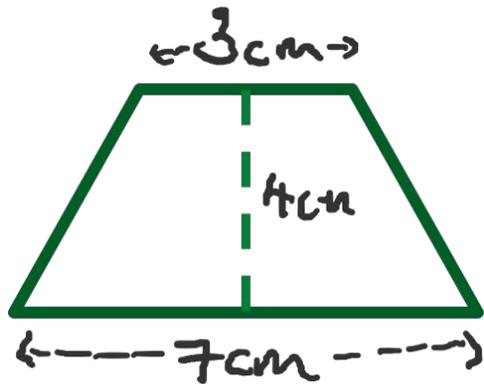
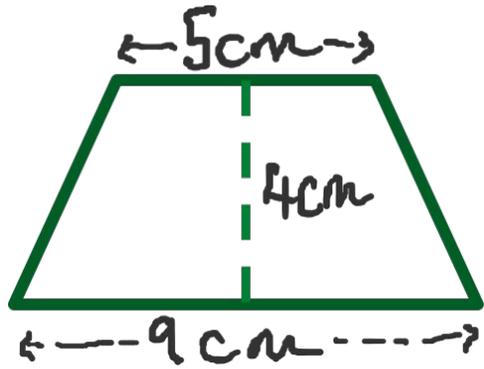
Connect

How many different ways can you work out the area of this trapezium?

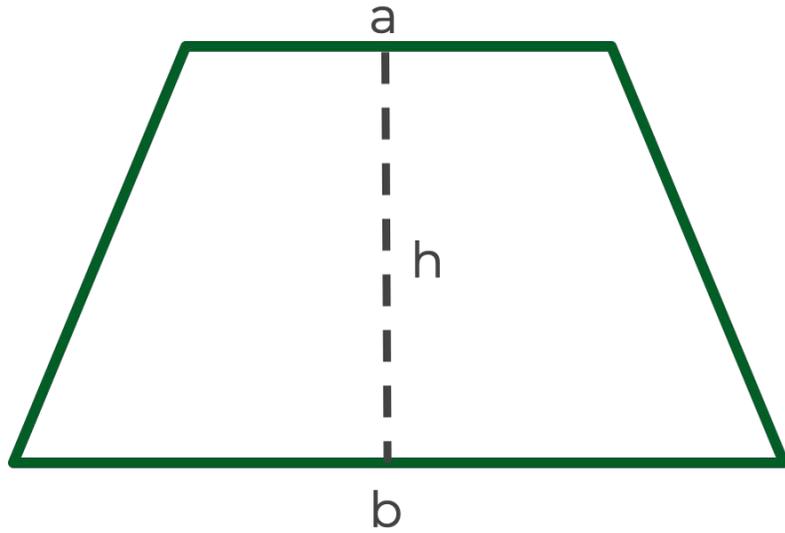


Independent task

For each trapezium draw 2 compound shapes with the same area.



Explore



How would you show that the formula to work out the area of a trapezium is:

$$\text{Area} = \frac{(a+b) \times h}{2}$$

