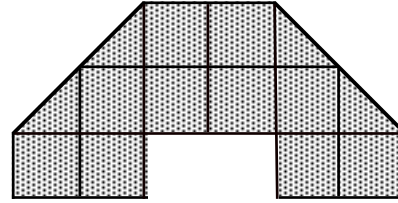


Mathematics Assessment (CfE) - Level 2

(MNU 2 - 11c)

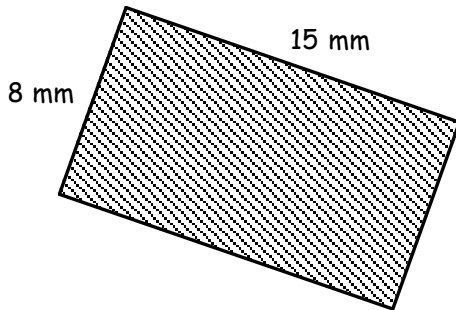
I can explain how different methods can be used to find the perimeter and area of a simple 2D shape or volume of a simple 3D object.

1. Write down the **area**, in boxes, of this shape.

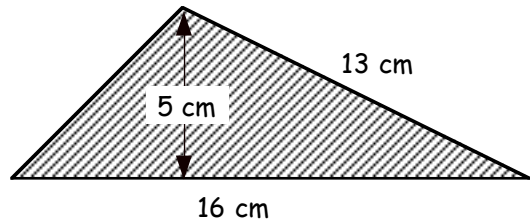


2. Calculate the **area** of each of these shapes.
Show all working and answer in correct units.

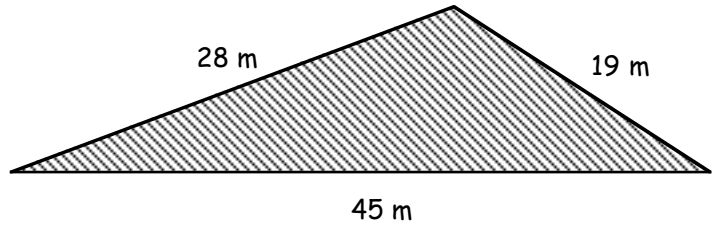
a



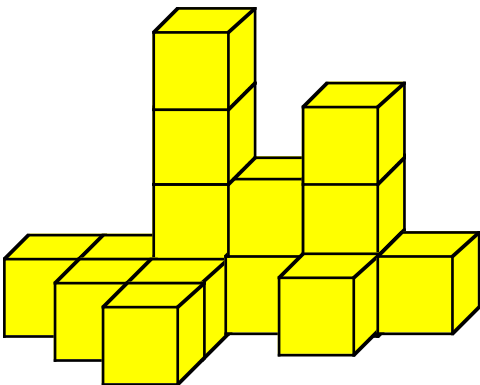
b



3. Work out the **perimeter** of this triangle.

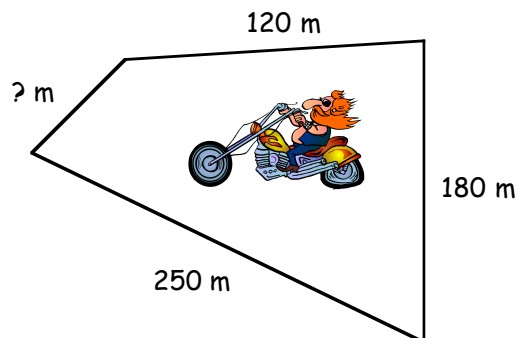


4.



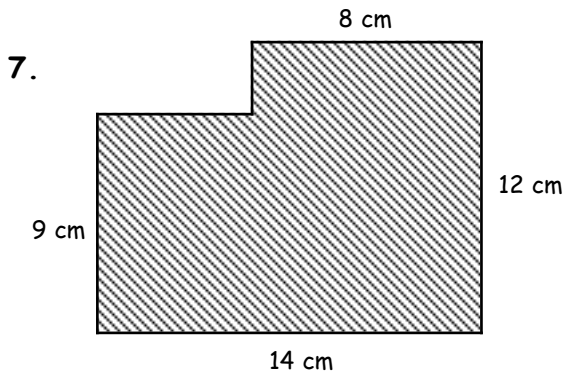
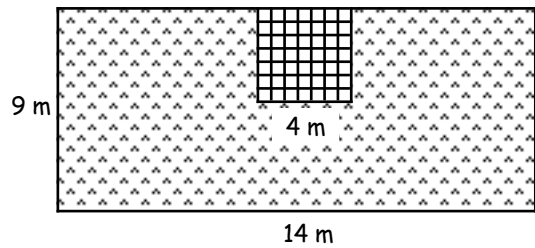
Write down the **volume** of this shape, in cm^3 .

5. The **perimeter** of this motorcycle circuit is 600 m.
Calculate the length of the missing side.



6. The figure shows a garden lawn in the shape of a rectangle with a square slabbed patio cut out.

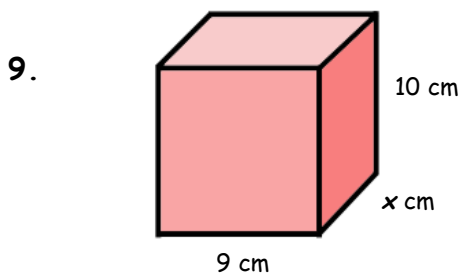
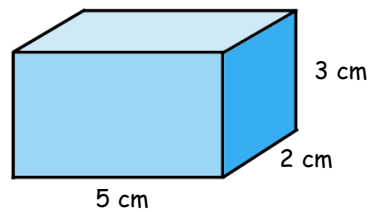
What is the cost of re-turfing it, with turf costing £2.50 per square metre?



Make a sketch of the figure shown.

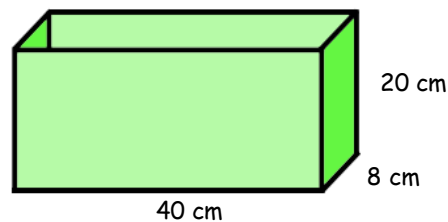
- Calculate and fill in the sizes of the two missing sides.
- Calculate the **perimeter** of the shape.

8. Calculate the **volume** of this solid shape.



This cuboid has a **volume** of 540 cm^3 .
Work out the value of x .

10. How many **litres** of liquid will this container hold when full?



11. Calculate the total **volume** of this shape.

