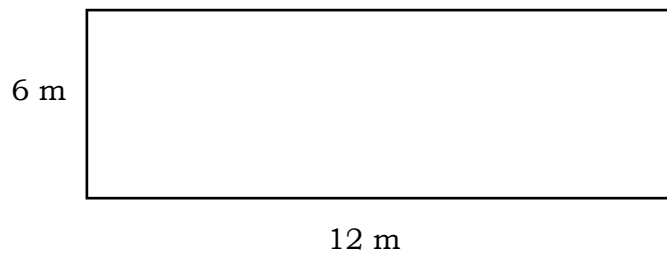


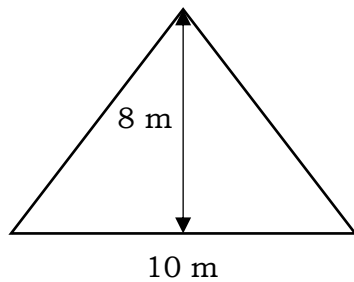
COMPOUND SHAPES – PRACTICE QUESTIONS



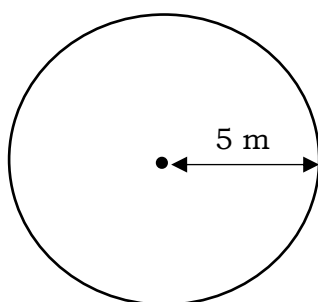
1. Find the area and perimeter of the rectangle. State your units.



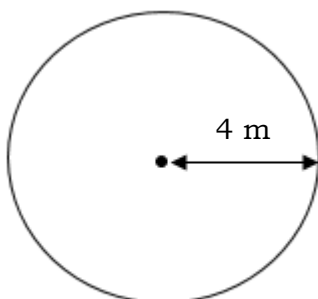
2. Find the area of the triangle. State your units.



3. (a) Find the area of the circle below, to the nearest whole number. State your units.

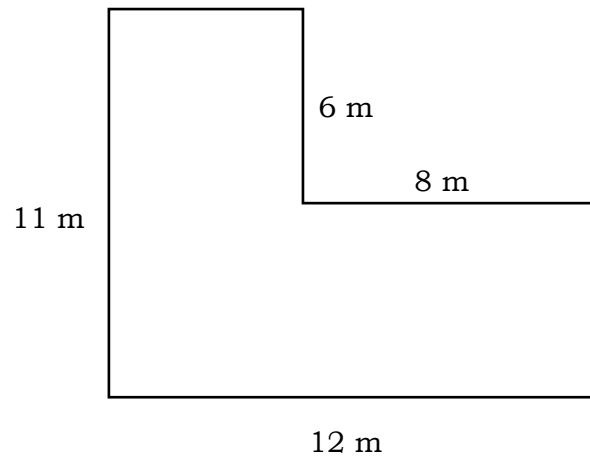


(b) Find the circumference of the circle below, to the nearest whole number. State your units.



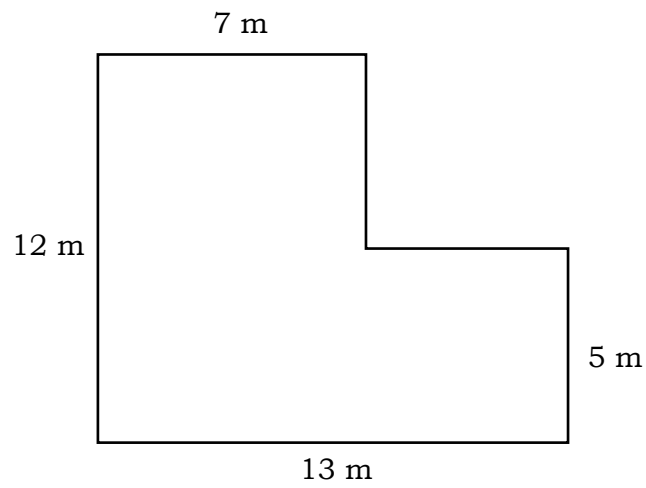
4.

Find the area of the compound shape.



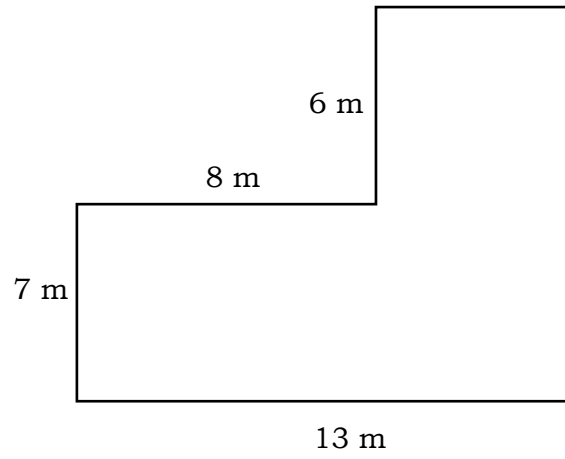
5.

Find the area of the compound shape.



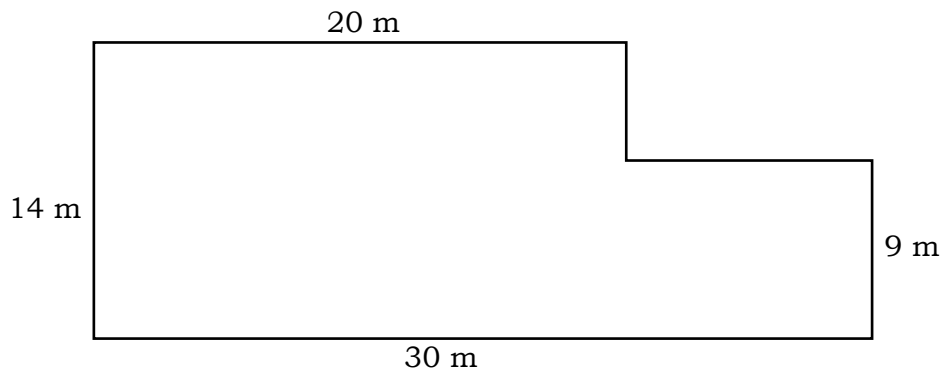
6.

Find the area of the compound shape.



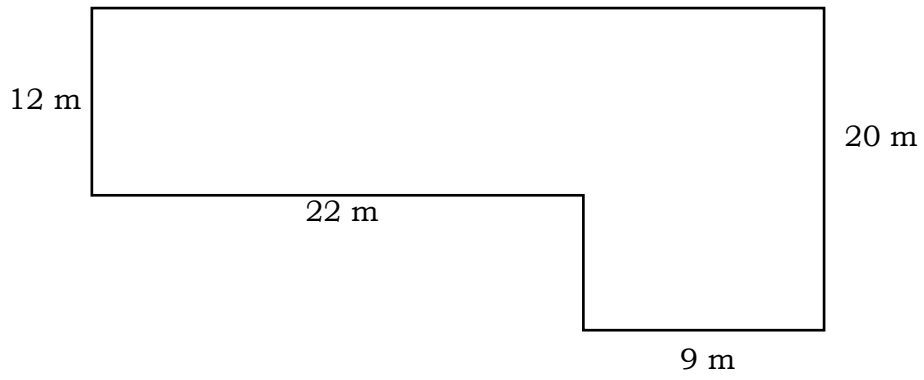
7.

Find the perimeter of the compound shape.



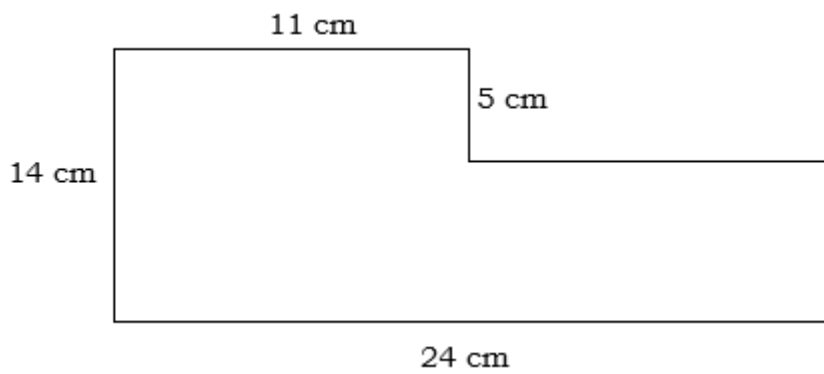
8.

Find the perimeter of the compound shape.



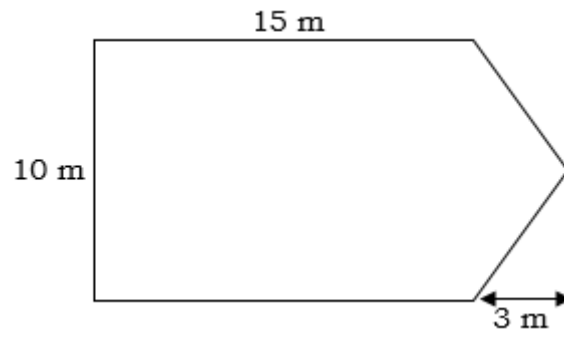
9.

Find the area of the compound shape.



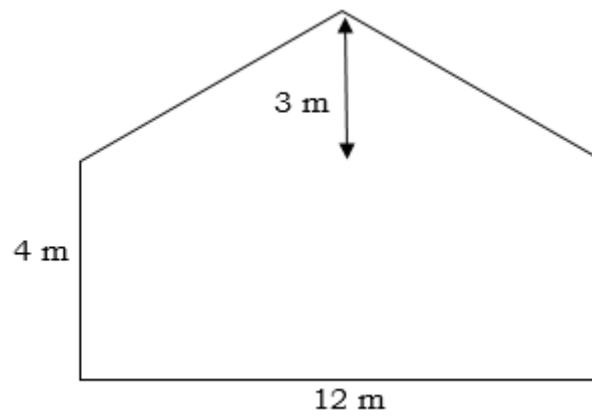
10.

Find the area of the compound shape.

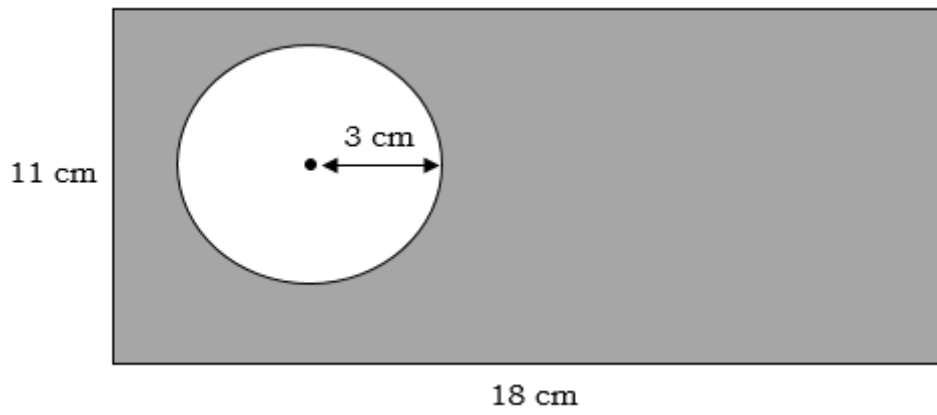


11.

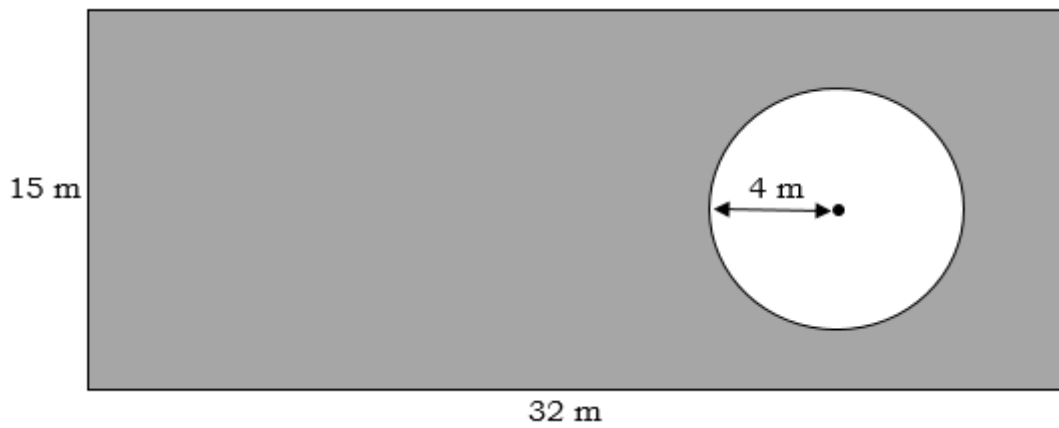
Find the area of the compound shape.



12.
Find the area of the shaded region. Give your answer to the nearest square centimetre.

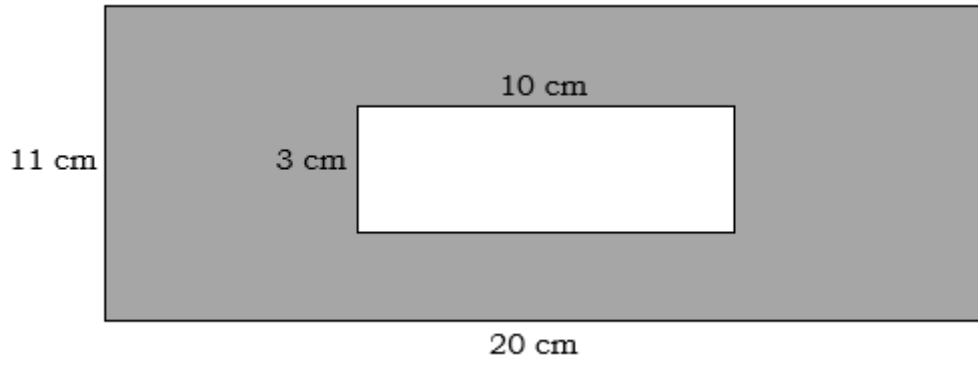


13.
Find the area of the shaded region. Give your answer to the nearest whole number.



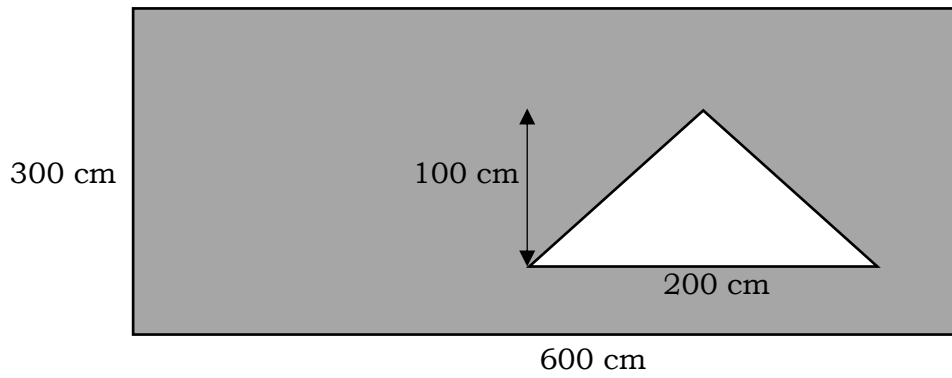
14.

Find the area of the shaded region.



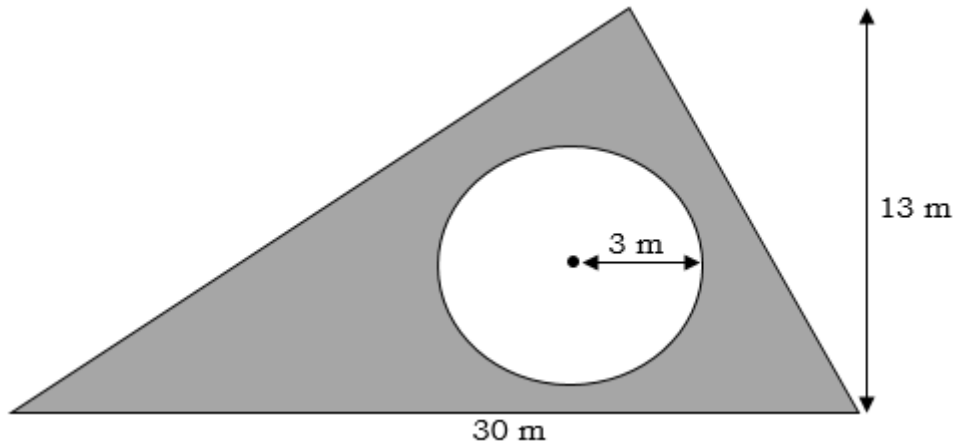
15.

Find the area of the shaded region.



16.

Find the area of the shaded region. Give your answer to the nearest square metre.

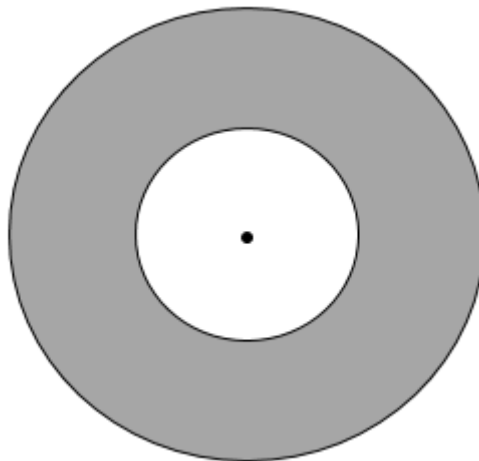


17.

In the picture below, a smaller circle, of radius 6 cm is contained within a larger circle of radius 11 cm.

The circles have the same centre.

Find the area of the shaded region. Give your answer to 2 significant figures.



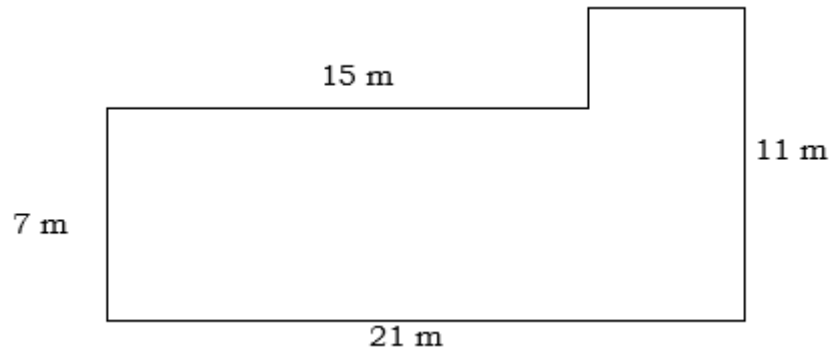
18.

Angela is planning to put up a fence around her garden (pictured below).

2 metres of fence costs £1.55.

Angela has allocated a budget of £50 for the project.

Has Angela budgeted enough? Show all your working.

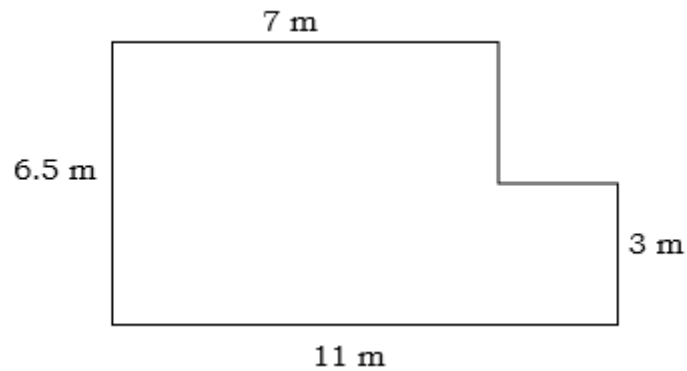


19.

Brendan is planning to put carpet on his lounge floor (pictured below).

He has 55 m² of carpet.

Does Brendan have enough carpet? Show all your working.

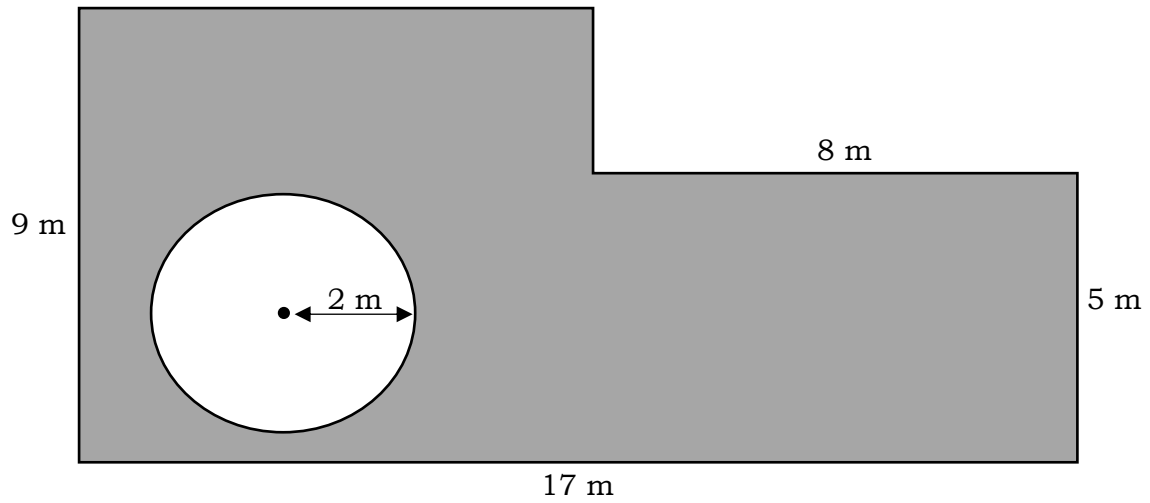


20.

Cat wants to make a lawn in her back garden.

Below is a plan of her garden.

She needs to plant grass seed on the shaded region.



Cat needs 30 grams of grass seed for every square metre she wants to plant on.

Grass seed is sold in 1 kilogram bags.

How many bags of grass seed does Cat need?