

Length Conversions

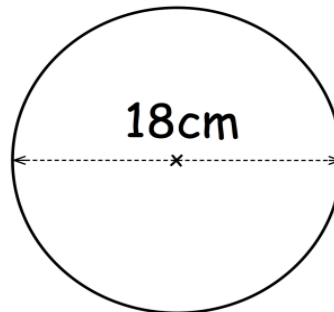
Note: 1 kilometer (km) = 1,000 meter (m)
1 m = 100 centimeters (cm) = 1,000 millimeters (mm)

Convert to the units shown:

1. 43 m = _____ cm
2. 12 km = _____ m
3. 27 km = _____ m
4. 6.3 m = _____ cm
5. 0.49 km = _____ cm
6. 0.58 cm = _____ mm
7. 1.4 km = _____ cm
8. 55 m = _____ mm
9. 4.5 m = _____ cm
10. 63 cm = _____ mm

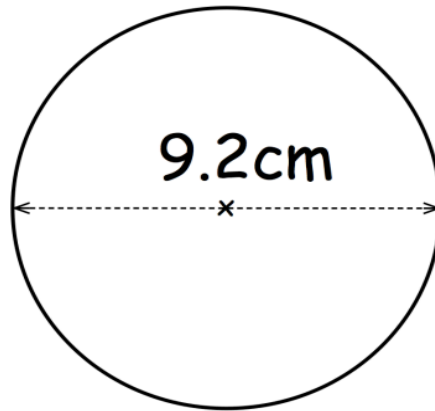
Circle Area

A circle has a diameter of 18cm.



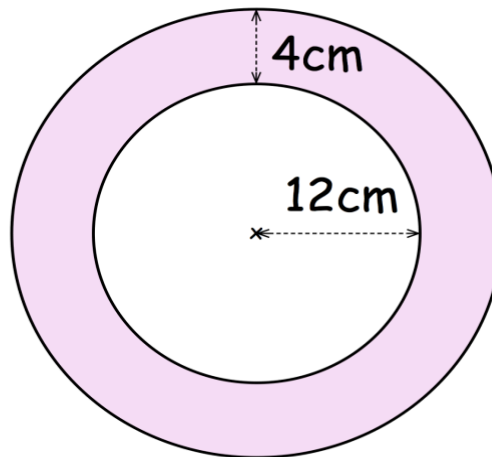
Work out the area of the circle.
Give your answer to 1 decimal place.

A circle has a diameter of 9.2cm



Work out the area of the circle.

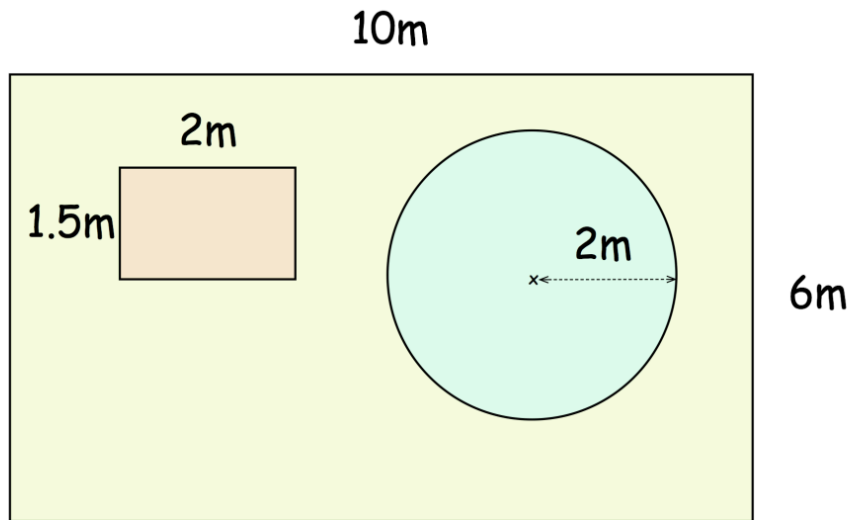
Shown below is a circular photo surrounded by a frame.



The photo has radius 12cm.
The frame has width 4cm.

Work out area of the frame.
This area is shaded in the diagram.

Shown below is a rectangular garden.



Belle wants to re-seed the grass in her garden.

The garden is 10 metres long and 6 metres wide.

There is a vegetable patch that is 2 metres long and 1.5 metres long.

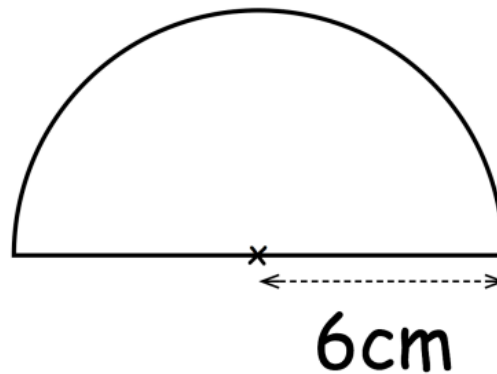
There is a circular pond that has radius 2 metres.

The remainder of the garden is grass.

Each bag of grass seed costs £4.60 and covers 10m^2 .

Work out the total cost to re-seed the garden.

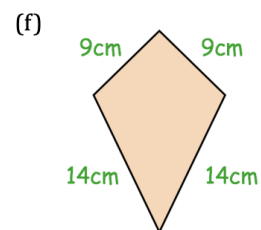
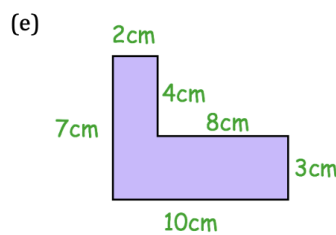
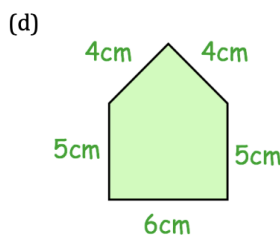
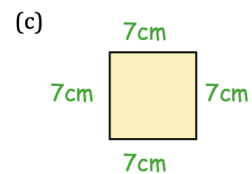
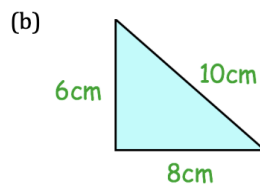
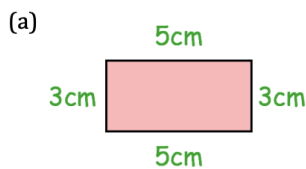
Shown below is a semicircle with radius 6cm.



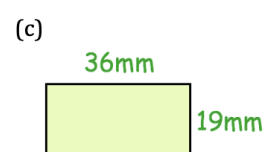
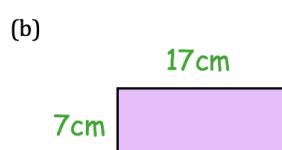
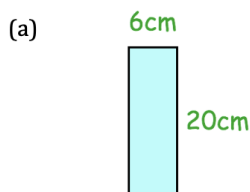
Work out the area of the semicircle.
Give your answer to 1 decimal place.

Perimeter

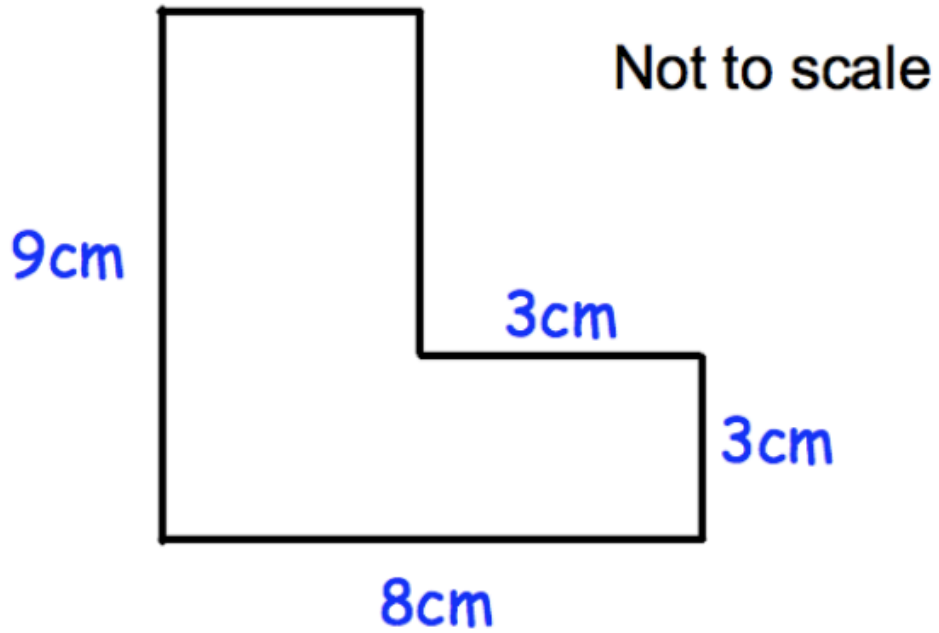
Question 1: Work out the perimeter of each shape below



Question 2: Find the perimeter of each of these rectangles.

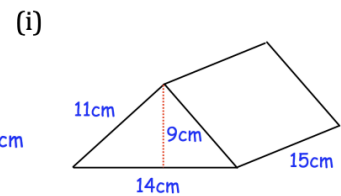
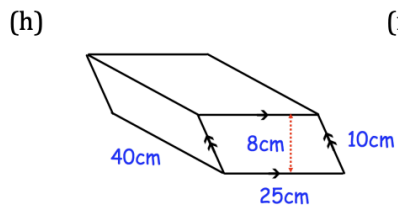
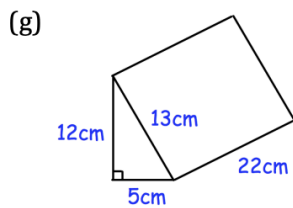
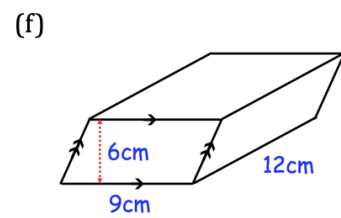
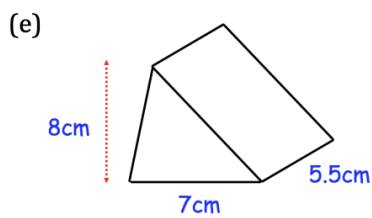
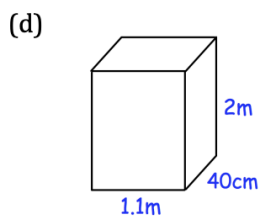
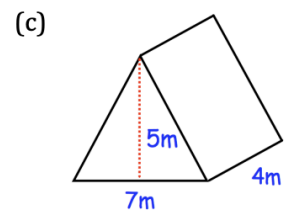
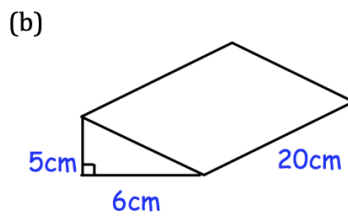
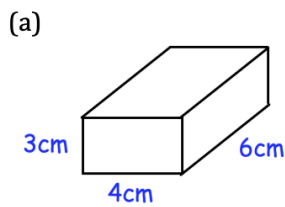


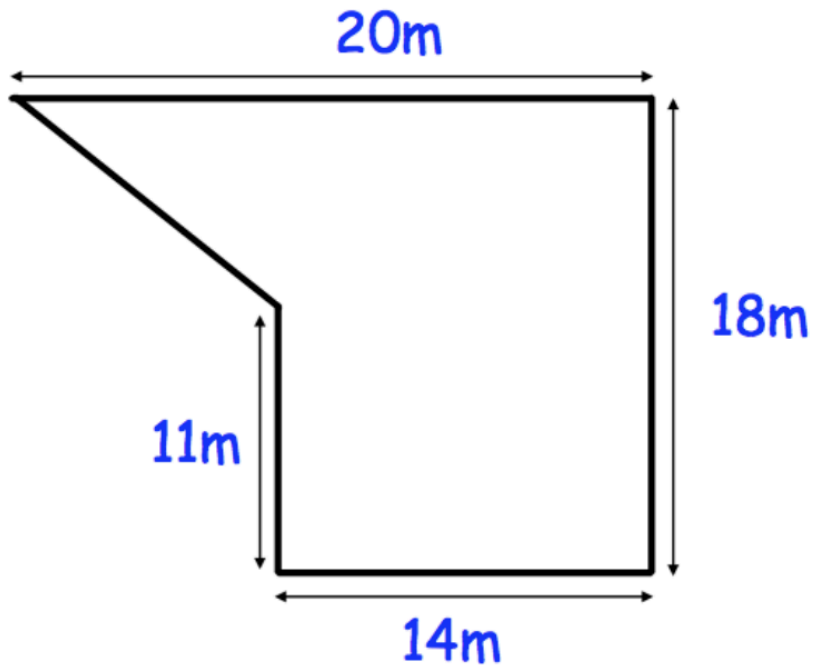
Area of composite shape



Volume

Question 1: Calculate the volume of each prism below

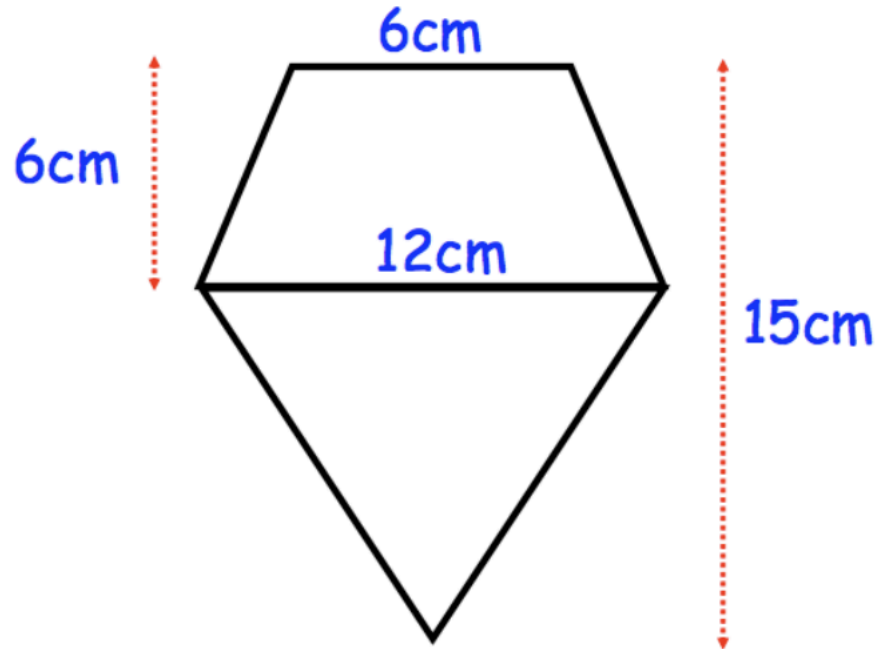




Thomas is going to keep some chickens in the field.
Each chicken needs 5m^2

Work out the greatest number of chickens Thomas can keep in the field.

Bea makes a logo for a club in school.



Work out the area of the logo.