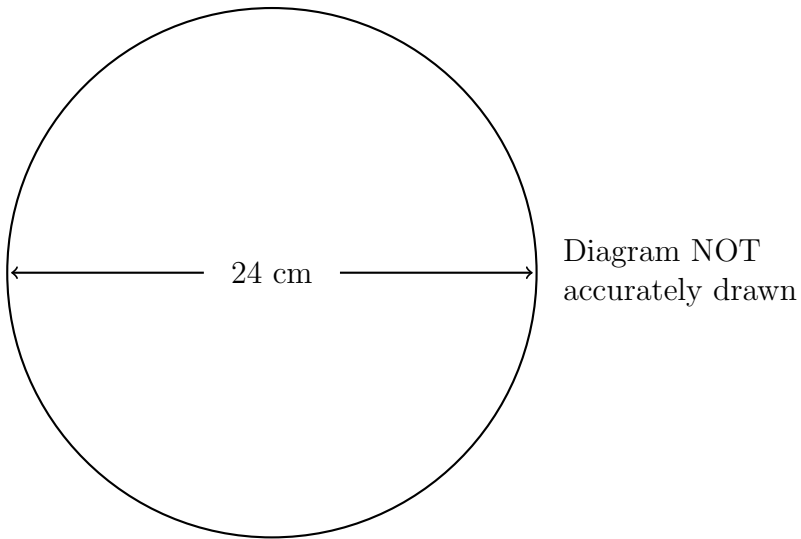


1. Here is a picture of a circle.



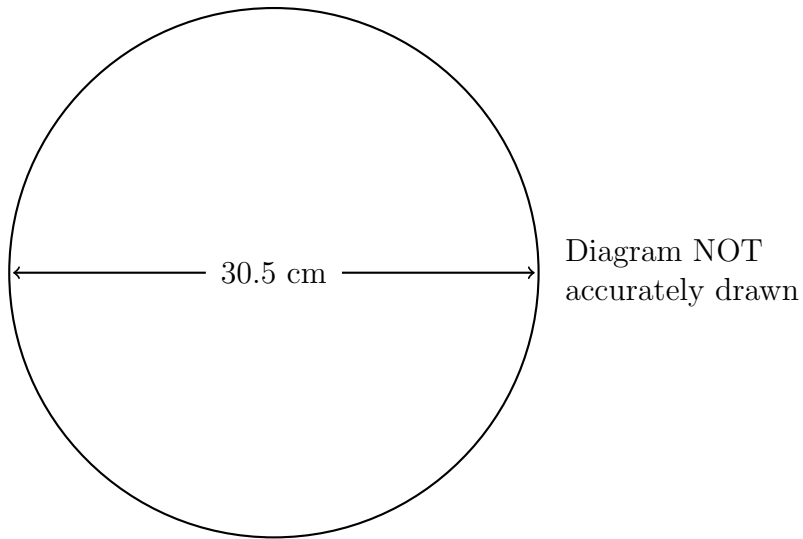
The diameter of the circle is 24 cm.

Work out the circumference of the circle in cm.

Give your answer correct 1 decimal place.

..... m

2. Here is a picture of the top of a colander.



The top of the colander is in the shape of a circle.

The diameter of the top of the colander is 30.5 cm.

Work out the circumference of the top of the colander.

Give your answer correct to 1 decimal place.

..... cm

3. The diagram shows the plan view of Gwennap Pit near Redruth in Cornwall.
Gwennap Pit was created by a collapsed mine shaft.

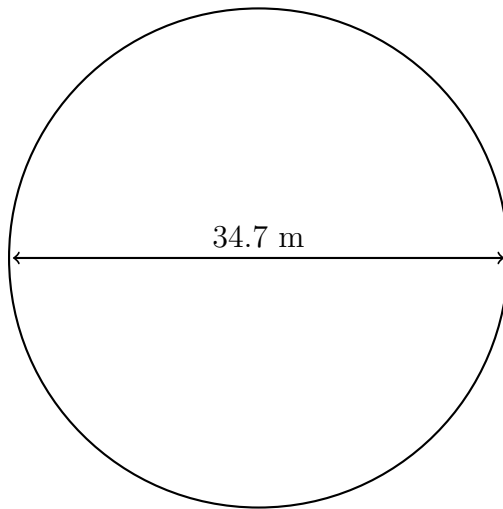


Diagram NOT
accurately drawn

Source www.en.wikipedia.org

The pit is in the shape of a circle.

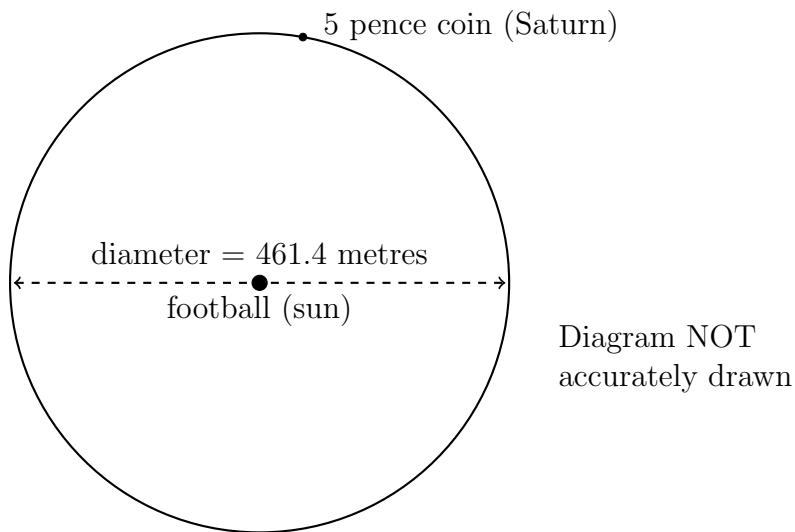
The diameter of the pit is 34.7 m.

Work out the circumference of Gwennap Pit.

Give your answer correct to the nearest metre.

..... m

4. The diagram shows part of a plan view of scale model of our solar system.
 The sun is represented by a football and Saturn is represented by a 5 pence coin.



Source www.en.wikipedia.org

The orbit of Saturn around the sun is represented by a circle made of rope.
 The diameter of the circle is 461.4 metres.

Work out the circumference of the rope representing Saturn's orbit.

Give your answer correct to the nearest 10 metres.

..... m

Answers

1. 75.4 m
2. 95.8 cm
3. 109 m
4. 1450 m