

Include units

Chapter 8.1 and 8.2 Take Home Quiz

($\frac{1}{2}$ pt each)

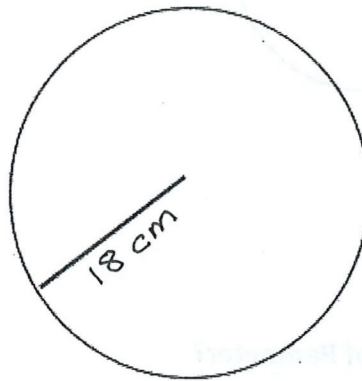
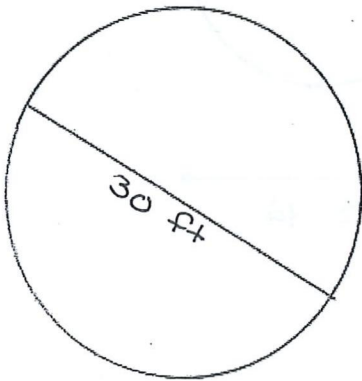
Substitute 3.14 for π in all calculations

if needed!

Round all solutions to the nearest Hundredth.

Circles, Semicircles, Composite Figures, Perimeter of Composite Figures.

Find the missing value



Radius = _____

Diameter = _____

What is the definition of the circumference of a circle?

What are the two formulas for the circumference of a circle?

C = _____

C = _____

Round the following numbers to the Hundredths Place.

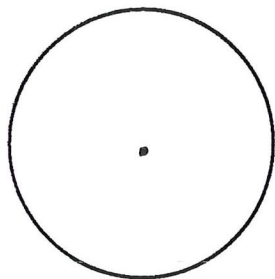
5.673 _____

22.457 _____

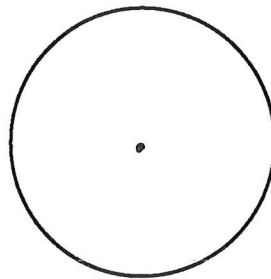
0.3422 _____

219.3498 _____

Find the circumference of the circles. Show All Work for Credit.



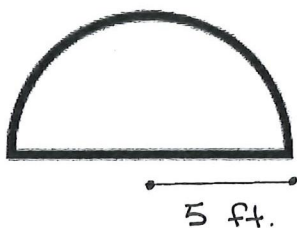
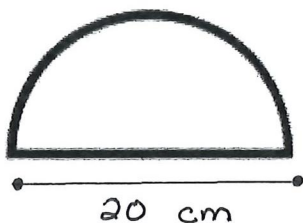
4 m



28 yd.

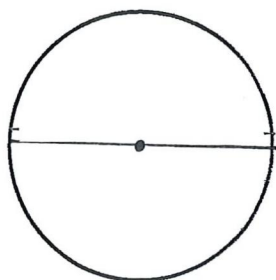
What is the definition of Perimeter?

Find the perimeter of each semicircle. Show All Work for Credit.



Application Question

Estimate the Diameter



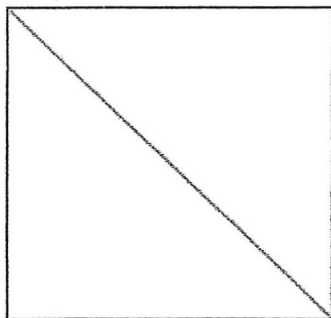
Circumference = 22 cm.

Estimate the diameter.



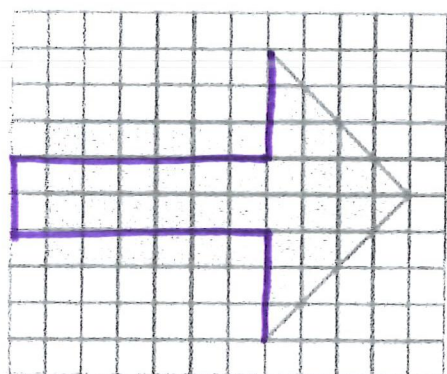
What is a Composite Figure?

How would you estimate the length of this line?

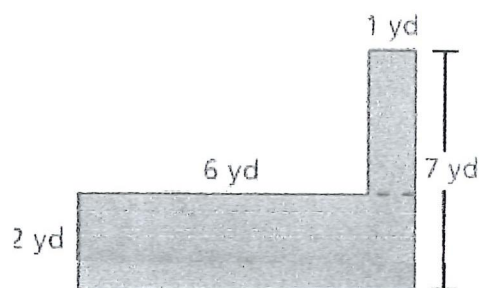
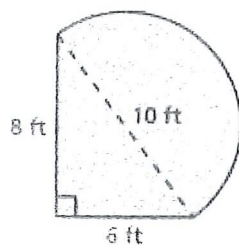
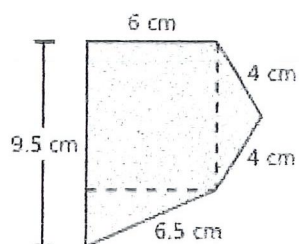


$l = \underline{\hspace{2cm}}$ units

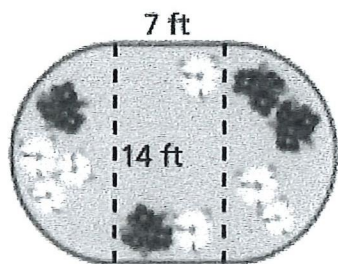
Estimate the PERIMETER of the following figures.



Find the perimeter of the following figures.



Find the perimeter of the garden.



Extra Credit

The circumference of a roll of tape decreases by 10.5 inches after a construction worker uses some of the tape. Estimate the diameter of the roll after the decrease.



$C = 31.4$ in.

