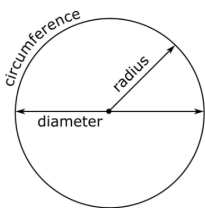


## Module 9 Quiz Review Area

Show all steps. Write the formula for each problem. Use your notes!

$$A = \pi r^2$$



# FORMULA $C = \pi d$

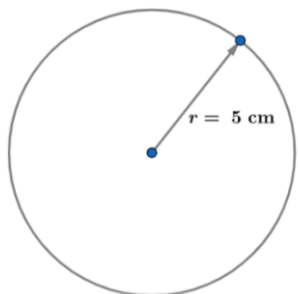
FORMULA FOR AREA OF RECTANGLE:  
 $A = B \cdot H$

FORMULA FOR AREA OF TRIANGLE:  
 $A = \frac{1}{2} B H$

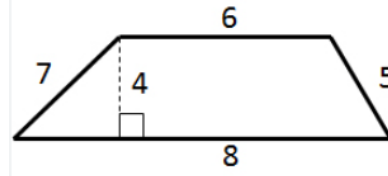
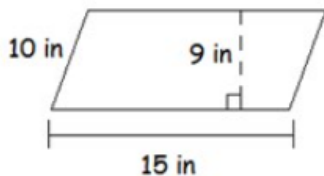
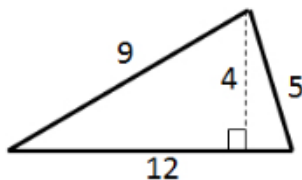
FORMULA FOR AREA OF TRAPEZOID:  
 $A = \frac{(B1 + B2)}{2} \cdot H$

**Round to nearest hundredth and use 3.14 for pi.**

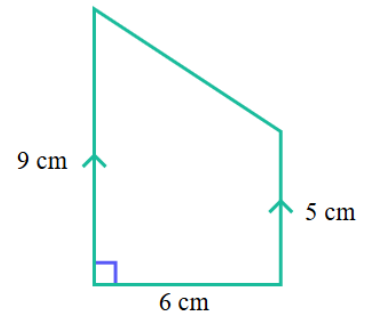
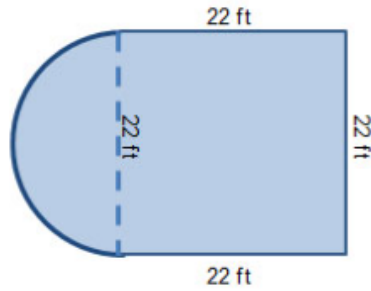
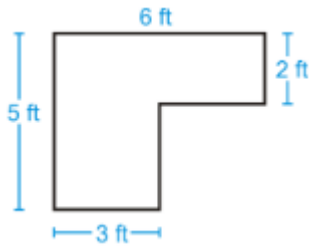
1. Find the circumference and area of the following figure:



2. Find the area of the following polygons:

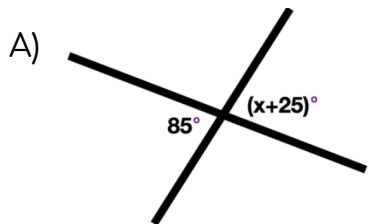


3. Now put all of those areas together to find the area of the following composite figures:



4. Find the radius and diameter of a circle with a circumference of 109.9 meters.

Spiral Review:



B) Simplify  $2(x - 4) + 14$

C)  $15 + 30 \div 3 - 10^2$

D) 21.3 is what percent of 60?

E) Factor  $8x - 32$  using the GCF

Answer Key is posted online. Please check your work.