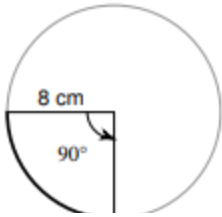


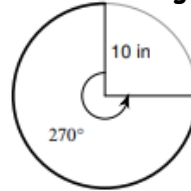
1. Find the circumference of a circle with the equation $(x-3)^2 + (y+5)^2 = 49$

2. Find the radius of a circle with a circumference of 65 feet. Round to nearest tenth.

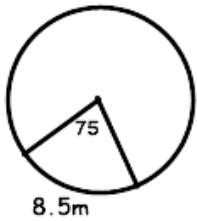
3. Find the length of each arc.



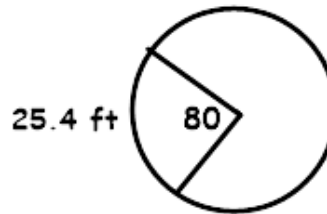
4. Find the length of the arc.



5. Find Circumference



6. Find the radius



7. Find the equation of the circle. Also name the center and the radius of the circle.

$$X^2 + 16x + y^2 - 12y + 10 = 0$$

8. Two angles are supplementary. One angle has a measure of $(x-10)$ degrees and the other angle has a measure of $(4x-10)$ degrees. Find the measure of the two angles.

9. Find the following for an decagon. Write the formula! SHOW WORK!

Total interior degrees

Each interior angle

Total exterior degrees

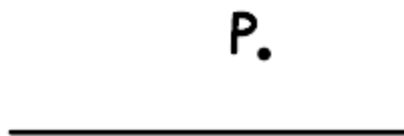
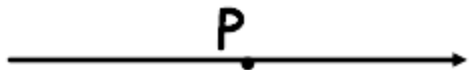
Each exterior angle

10. Convert 50 degrees to radians.

11. Convert $\frac{\pi}{6}$ to degrees

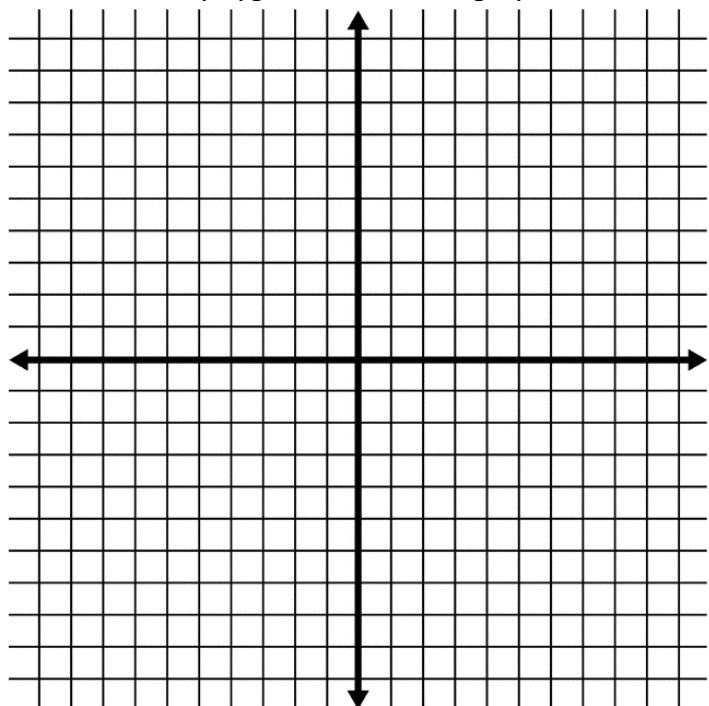
12. Find the diagonal of a square with sides of 11 feet. Draw a picture and show your work. Round to tenths.

13. Construct a line through P that is perpendicular to the line. Look these up in your construction packets in your binder if you don't remember how to do them.



14. Graph the polygon A(0,5), B(5,-5), C(-2,-5) k=2

Then dilate the polygon on the same graph.



15. Find x.

