

HWK #4 Circles (Due :_____)**Find each measurement.**

1. Find the radius of circle J if the $C = 65x + 14 \pi$ m.

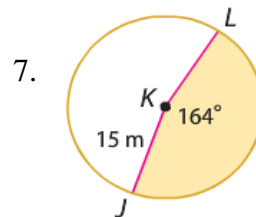
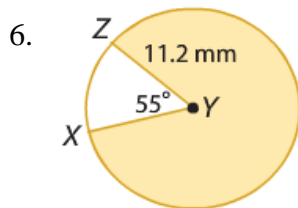
2. Find the circumference of circle M if the $A = 25x^2 \pi$ ft².

3. Find the area of circle D with a diameter of $8x$ feet.

4. Find the radius of circle L in which $A = 144\pi$ in².

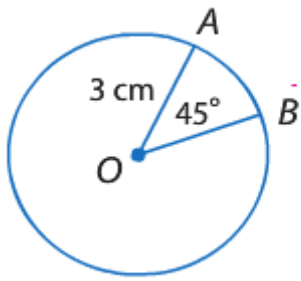
5. Find the area of circle P in which $C = 32\pi$ yds.

Find the area of the following sectors in problem #8 -11.

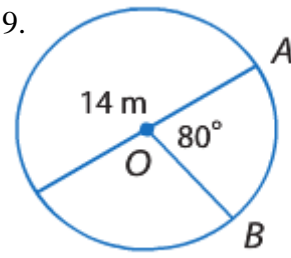


Find the length of arc AB in problems #8-9.

8.



9.



10. Find the radius of a circle with an ARC LENGTH equal to 16π cm and an angle of 90°

11. Find the area of the circle with a center at $(-2, 2)$ and passes through the point $(2, 4)$