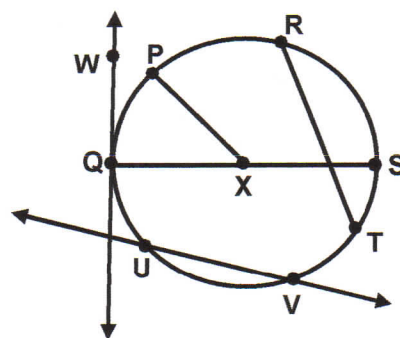NAME_____DATE_____PER._____

CIRCLE BASICS

Use figure 1 to answer the following questions. When naming an object, name one that is _shown_.

1. _____	Name the center of $\odot$X.
2. _____	Name a radius of the circle.
3. _____	Name a diameter of a circle.
4. _____	Name a chord of the circle.
5. _____	Name a tangent line to the circle.
6. _____	Name a point of tangency.
7. _____	Name a secant of the circle.
8. _____	If QS = 8.2, find XS.
9. YES or NO Explain:	Is XQ $\cong$ XS? If yes, explain.

FIGURE 1

Answer each of the following.

7. _____	What is the diameter of a circle with a radius of 3.5 cm?
8. _____	What is the diameter of a circle with a radius of $4\sqrt{3}$ in?
9. _____	What is the radius of a circle with a diameter of 24 m?
10. _____	What is the radius of a circle with a diameter of $6\sqrt{5}$ ft?