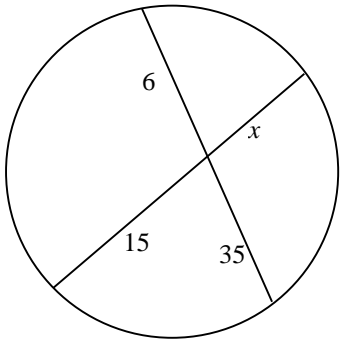# CCGPS ANALYTIC GEOMETRY
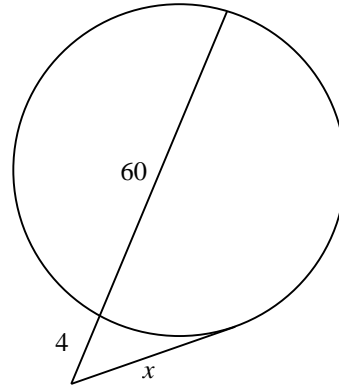*CIRCLE SEGMENT LENGTHS*
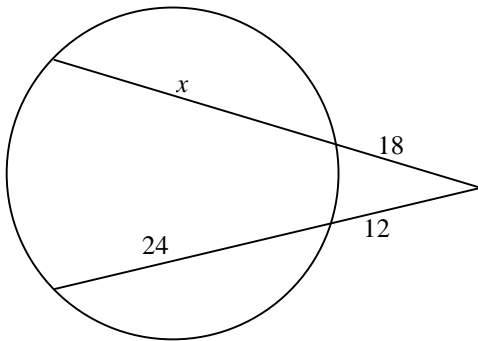
1. Find *x*.
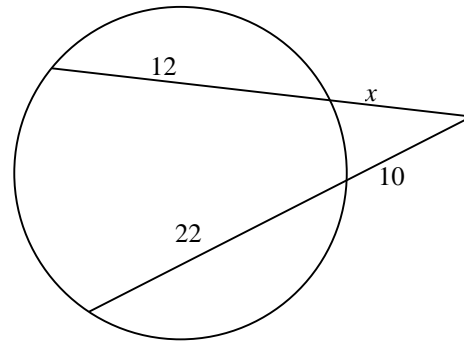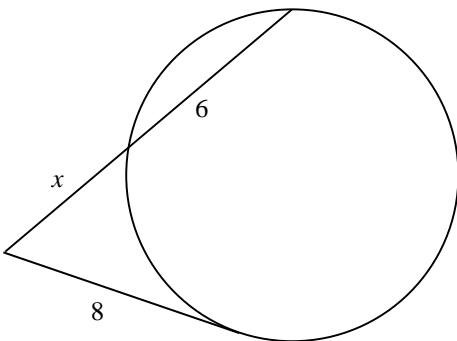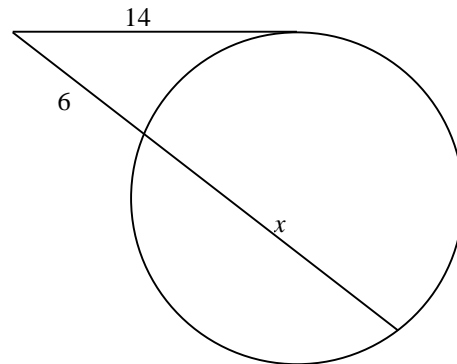

2. Find *x*.

3. Find *x*.
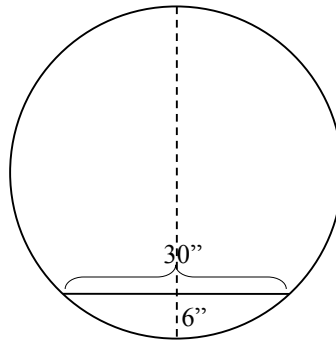

4. Find *x*.

5. Find *x*.

6. Find *x*.

CCGPS ANALYTIC GEOMETRY
CIRCLE SEGMENT LENGTHS

7. A circular sewer pipe has 6 inches of water in the bottom. The water measures 30 inches across. What is the diameter of the sewer pipe?

30"

6"

8. A 12 ft. rod is poked through a circular pipe to keep it from rolling on a hill. If the end of the rod is 8 ft. from the point where the pipe touches the ground, how much of the rod sticks out of the pipe?

12'

8'