Name_____

Inscribed Angles

Date_____ Period____

State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.
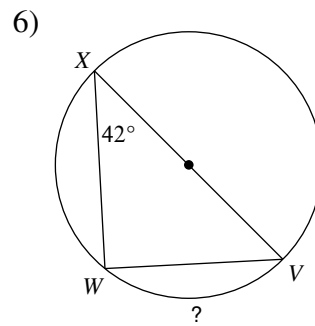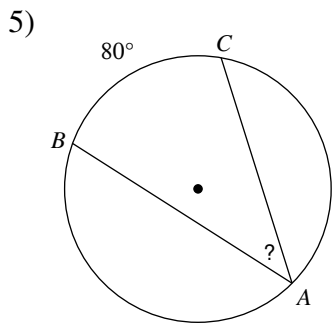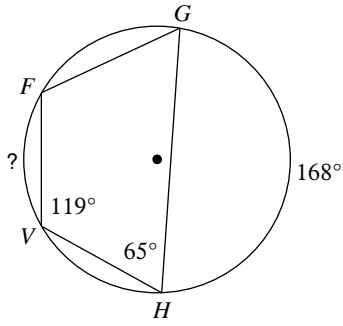
1)

2)

3)

4)

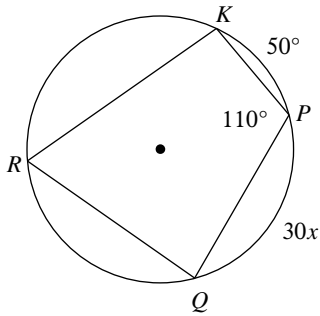**Find the measure of the arc or angle indicated.**
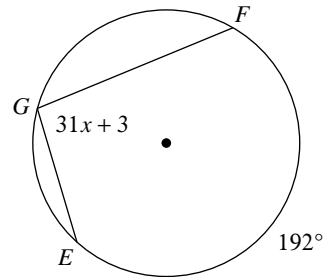
5)

6)

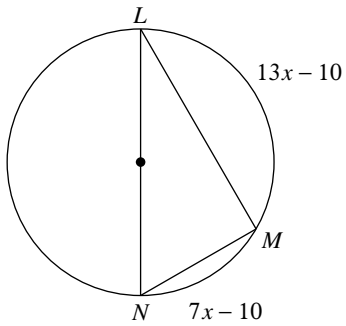7)

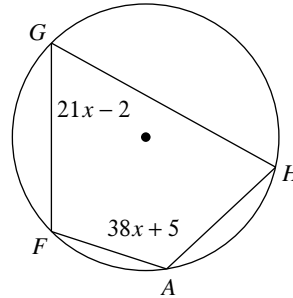8)

9)

10)

Solve for *x*.

11)

12)

Find the measure of the arc or angle indicated.

13) Find $m\angle NLM$

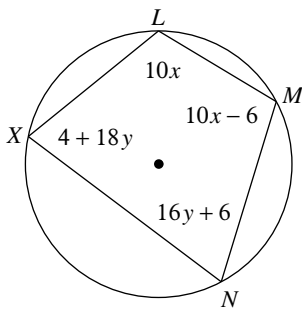14) Find $m\widehat{FGH}$

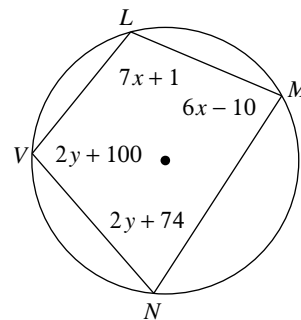**Solve for *x* and *y*.**

15)
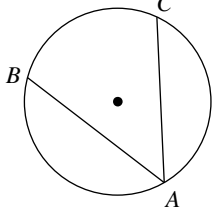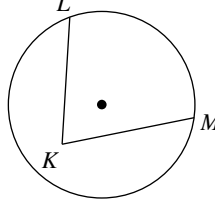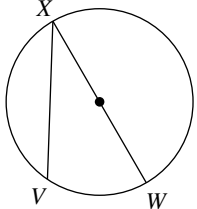

16)

Name_____

Inscribed Angles

Date_____ Period____

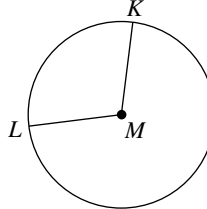**State if each angle is an inscribed angle. If it is, name the angle and the intercepted arc.**
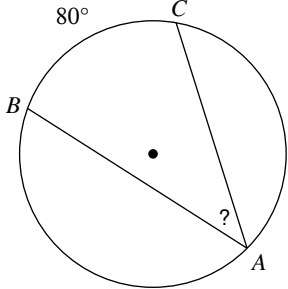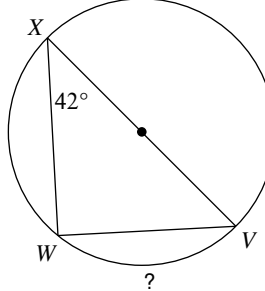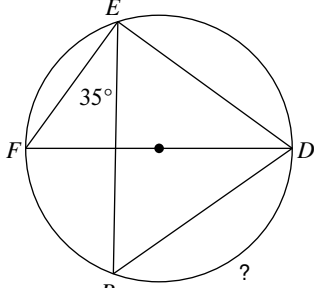
1)

Yes; $m\angle BAC$, $\overparen{BC}$

2)

No

3)

Yes; $m\angle WXV$, $\overparen{WV}$
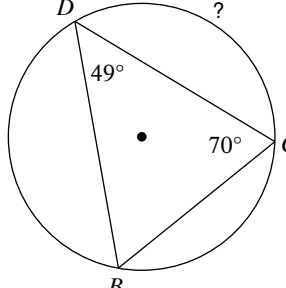
4)

No

Find the measure of the arc or angle indicated.

5)

80°

40°

6)

42°

84°
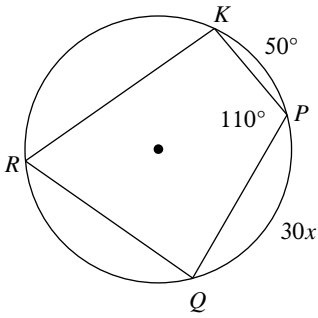
7)

35°

110°

8)

49°

70°
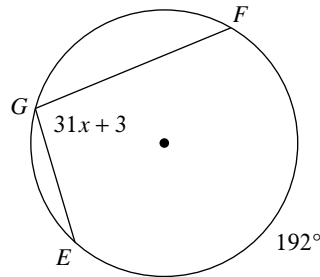
122°

9)
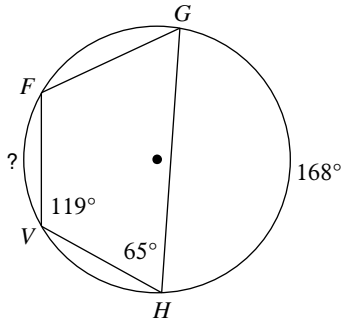
60°

10)
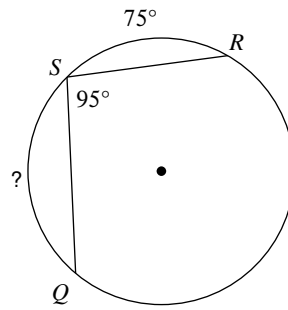
95°
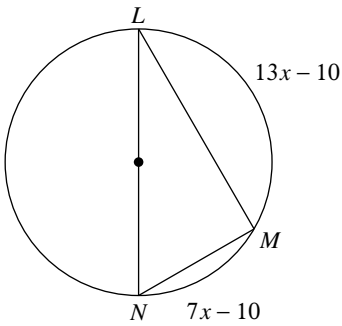
Solve for _x_.

11)

3
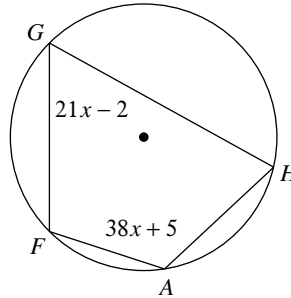
12)

3

Find the measure of the arc or angle indicated.

13) Find $m\angle NLM$ 30°

14) Find $m\overarc{FGH}$
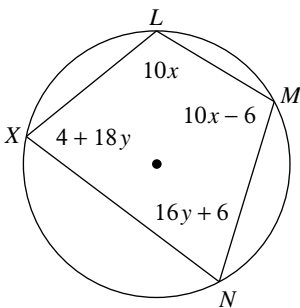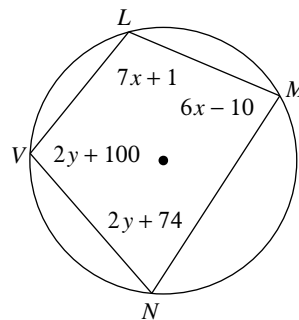

238°

Solve for _x_ and _y_.

15)

$x = 11,\ y = 4$

16)

$x = 15,\ y = 0$