Name_____

4A REVIEW

Date_____

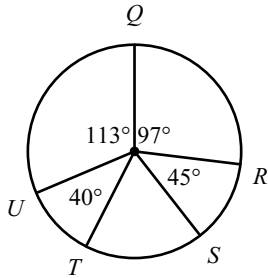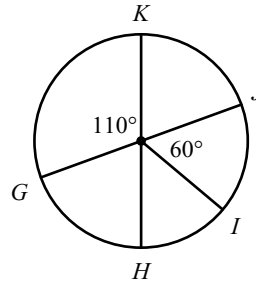**Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.**

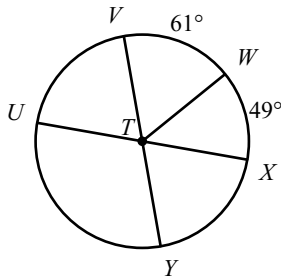1) $m\overset{\frown}{TQ}$

2) $m\overset{\frown}{IHK}$
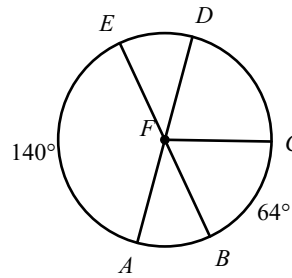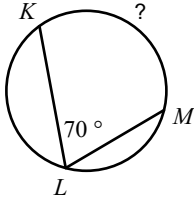

3) $m\angle YTU$
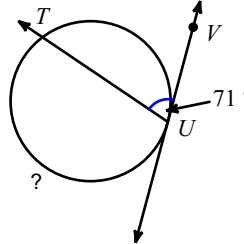

4) $m\angle BFA$

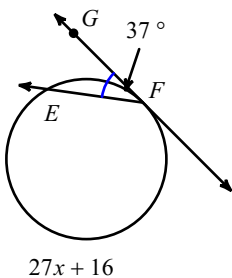**Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.**
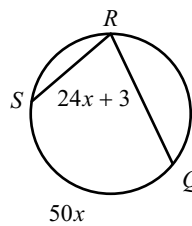
5)

6)

Solve for *x*. Assume that lines which appear tangent are tangent.

7)

8)

Solve for *x*.

9)

10)

Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.

11)

12)

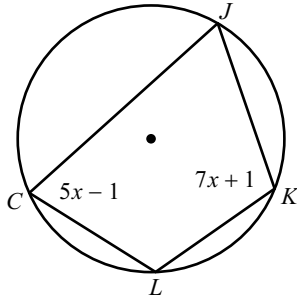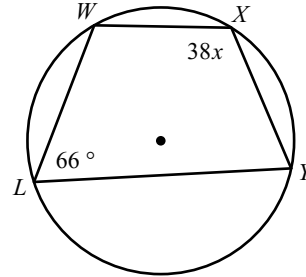**Solve for *x*. Assume that lines which appear tangent are tangent.**
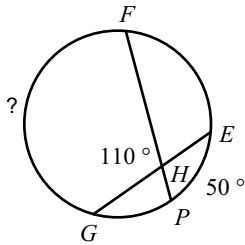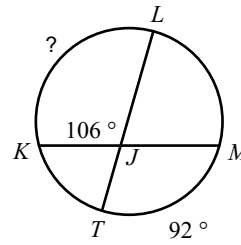
13)

14)

Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.
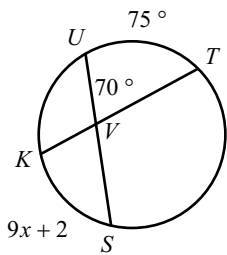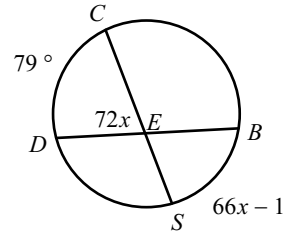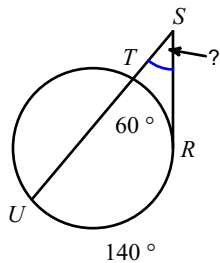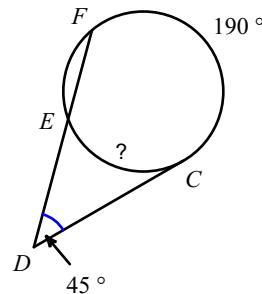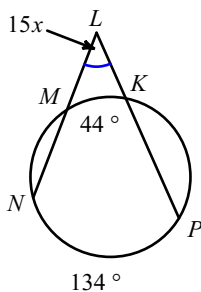
15)

16)

Solve for *x*. Assume that lines which appear tangent are tangent.

17)

18)
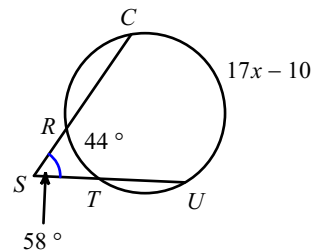
Answers to 4A REVIEW

1) 153°   2) 230°   3) 110°   4) 40°
5) 140°   6) 218°   7) 10   8) 3
9) 15   10) 3   11) 170°   12) 120°
13) 7   14) 1   15) 40°   16) 100°
17) 3   18) 10