Secondary Math 2   Name_____

9.2 Central and Inscribed Angles

Date_____ Period_____

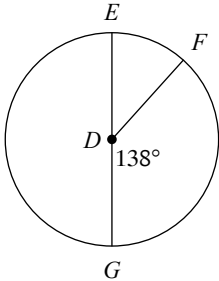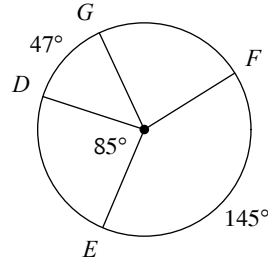**Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.**
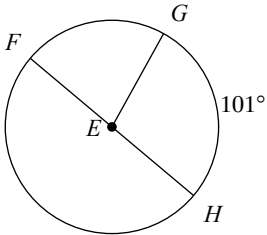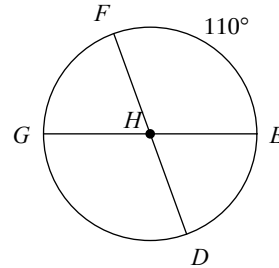
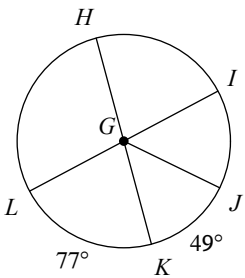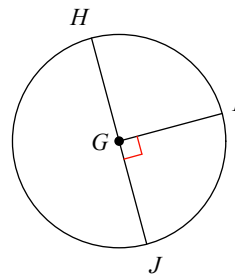1) $m\angle EDF$

2) $m\widehat{FEG}$
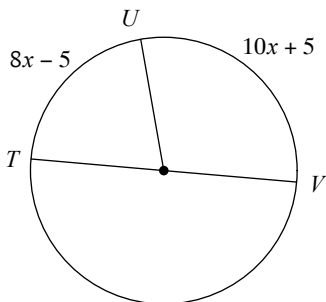

3) $m\angle FEG$
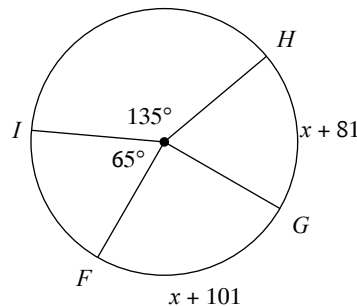

4) $m\angle EHD$

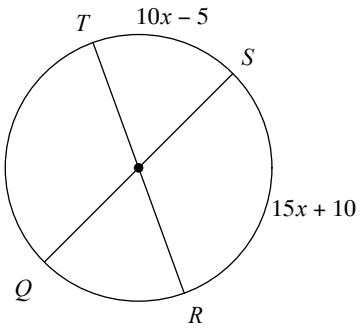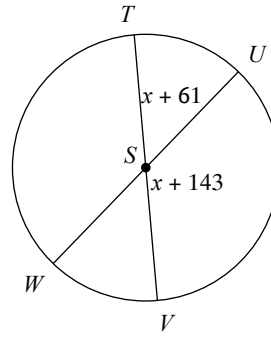5) $m\angle LGH$

6) $m\angle HGI$

7) $m\widehat{UVT}$

8) $m\widehat{HG}$

9) $m\widehat{SRT}$

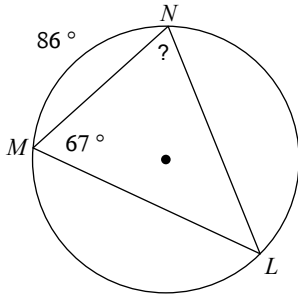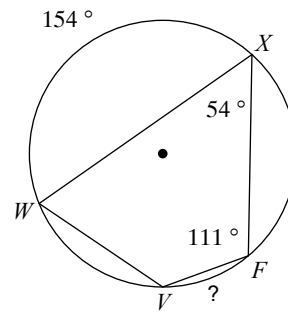

10) $m\angle VSW$

Find the measure of the arc or angle indicated.

11)

12)

13)

14)

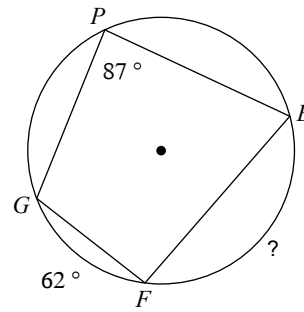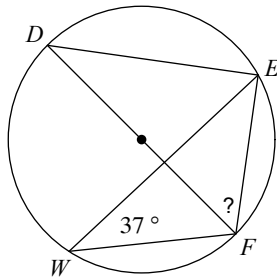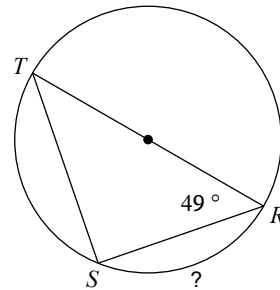15)

16)

17) Find $m\angle RPQ$

P $3x + 17$

Q

$-2 + 8x$

R

18) Find $m\angle XWY$

$33x - 4$

X Y

$16x + 1$

W

19) Find $m\angle KXL$

K

$5x + 7$

J L

$4x + 17$

X

20) Find $m\overgroup{CN}$

L

$45x - 2$

M C

60

N

$59x - 2$