CCGPS Analytic Geometry   Math 2   Name:
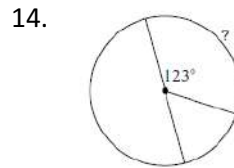
Circle quiz review.

Define, draw, and label the following terms:

   1. Circle   2. Radius   3. Chord
   4. Diameter   5. Arc   6. Major Arc
   7. Minor Arc   8. Semicircle   9. Secant
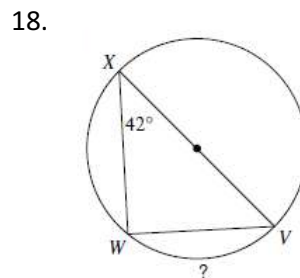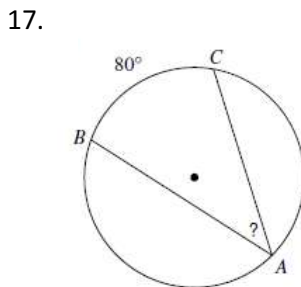   10. Tangent   11. Central Angle   12. Inscribed Angle

Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters.
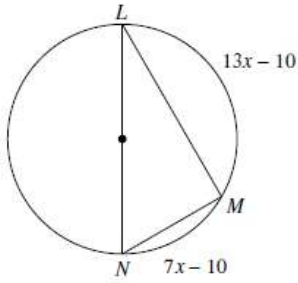
13.

14.
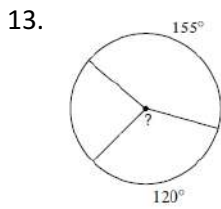
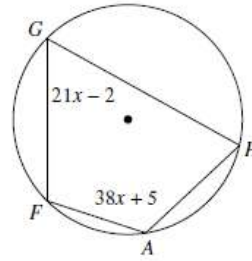Solve for x. Assume that lines which appear to be diameters are actual diameters.

15)

16)

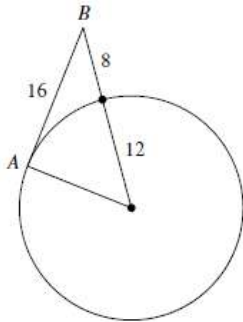

Find the measure of the arc or angle indicated.

17.

18.

19. Find $m\angle NLM$

$13x - 10$

$7x - 10$

20. Find $m\widehat{FGH}$
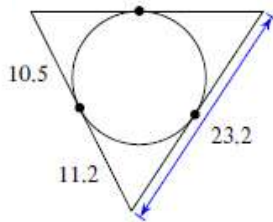

$21x - 2$

$38x + 5$
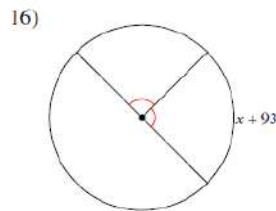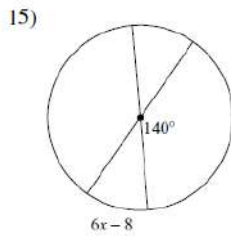
Determine if line AB is tangent to the circle.
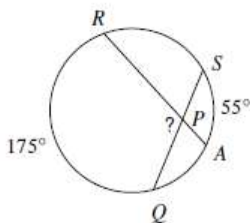
21.

B

8

16

12

A

Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent.

22.

10.5

23.2

11.2

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

23.

R

S

55°

?

P

175°

A

Q

24.

R

Q

F

?

S

50°

140°

T