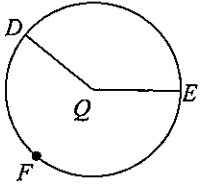


Circles Review

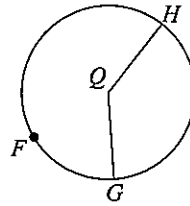
Name the arc made by the given angle.

1) Major arc for $\angle DQE$



- A) \widehat{DE} B) \widehat{DFE}

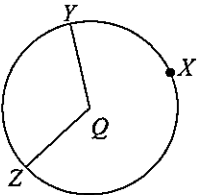
2) $\angle HQG$



- A) \widehat{HG} B) \widehat{HFG}

Name the central angle of the given arc.

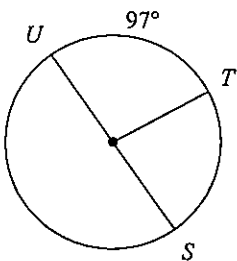
3) \widehat{ZXY}



- A) Not enough information
B) $\angle ZQY$

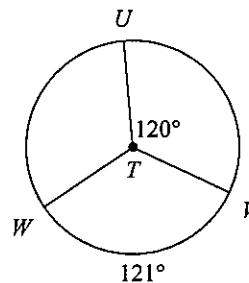
Find the measure of the arc or central angle indicated. Assume that lines which appear to be diameters are actual diameters. Support your answer by showing your work.

4) $m\widehat{SUT}$



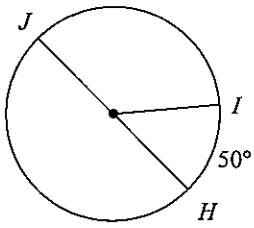
- A) 80° B) 63°
C) 113° D) 277°

5) $m\angle WTU$



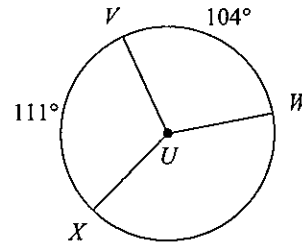
- A) 131° B) 115°
C) 112° D) 119°

6) $m\widehat{HJI}$



- A) 55° B) 80°
 C) 310° D) 40°

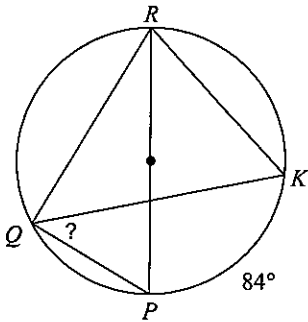
7) $m\angle WUX$



- A) 133° B) 113°
 C) 145° D) 100°

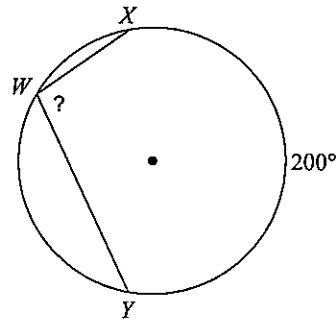
Find the measure of the arc or angle indicated. Support your answer by showing your work.

8)



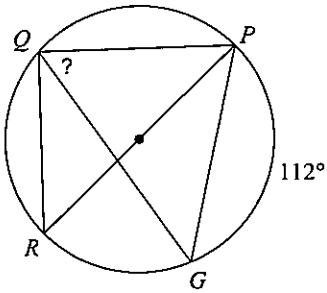
- A) 59° B) 46°
 C) 42° D) 44°

9)



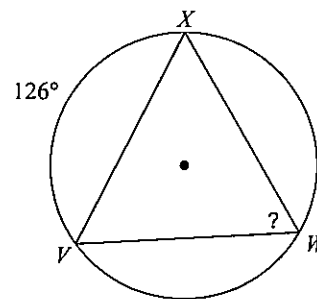
- A) 114° B) 82°
 C) 60° D) 100°

10)



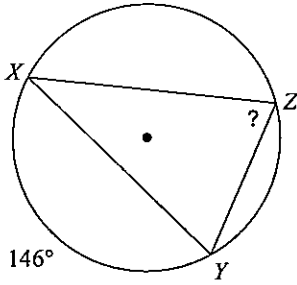
- A) 56° B) 39°
 C) 65° D) 40°

11)



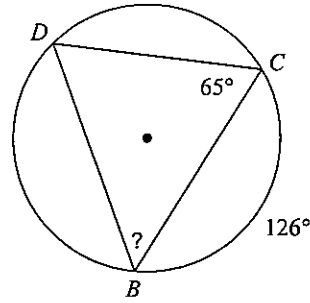
- A) 63° B) 57°
 C) 33° D) 66°

12)



- A) 97° B) 73°
 C) 44° D) 94°

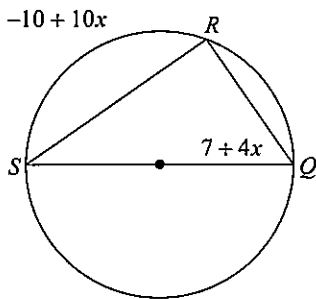
13)



- A) 78° B) 42°
 C) 35° D) 52°

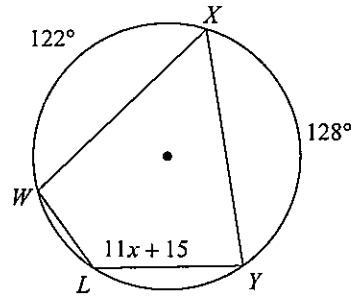
Write an equation and solve for x. Support your answer by showing your work.

14)



- A) 2 B) 7
 C) 12 D) 10

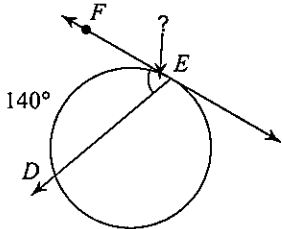
15)



- A) 14 B) 2
 C) 10 D) 12

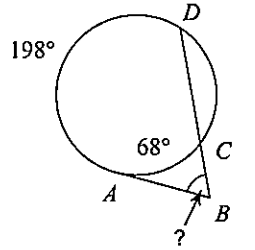
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent. Support your answer by showing your work.

16)



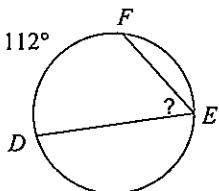
- A) 75° B) 45°
 C) 85° D) 70°

17)



- A) 65° B) 40°
 C) 55° D) 89°

18)



- A) 33° B) 42°
 C) 74° D) 56°

19)

A) 51° B) 52°
 C) 70° D) 71°

20)

A) 66° B) 60°
 C) 45° D) 70°

21)

A) 33° B) 35°
 C) 45° D) 53°

22)

A) 65° B) 54°
 C) 79° D) 51°

23)

A) 47° B) 60°
 C) 45° D) 55°

Determine if line AB is tangent to the circle. Support your answer by showing your work.

24)

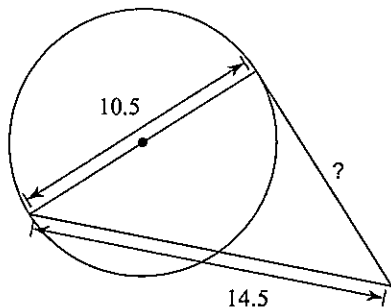
A) Tangent B) Not tangent

25)

A) Not tangent B) Tangent

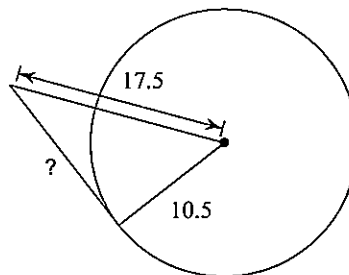
Find the segment length indicated. Assume that lines which appear to be tangent are tangent. Support your answer by showing your work.

26)



- A) 10
- B) 16.3
- C) 7.7
- D) 19.2

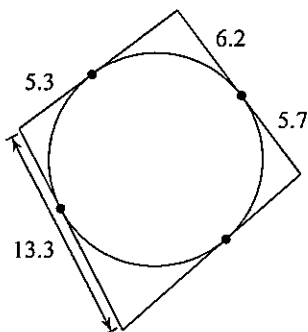
27)



- A) 19.4
- B) 11.9
- C) 11.5
- D) 14

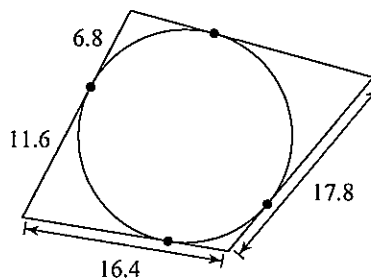
Find the perimeter of each polygon. Assume that lines which appear to be tangent are tangent. Support your answer by showing your work.

28)



- A) 42.2
- B) 35.9
- C) 58.3
- D) 50.4

29)



- A) 72.4
- B) 68.2
- C) 75.3
- D) 82.2