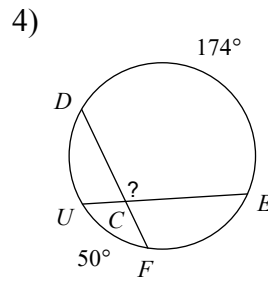
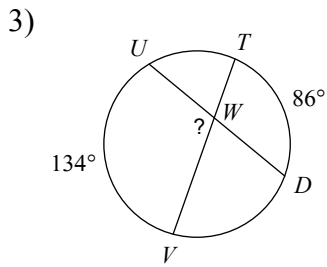
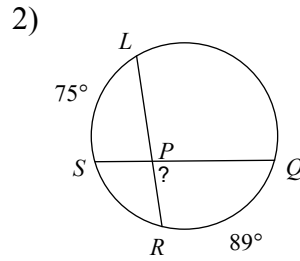
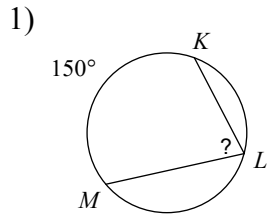


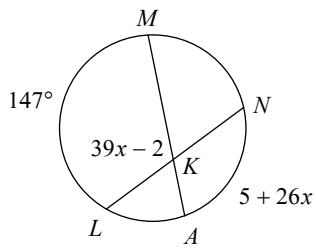
Practice for Q3OBQ5

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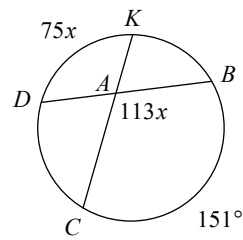
Find the measure of the arc or angle indicated. Assume that lines which appear tangent are tangent.



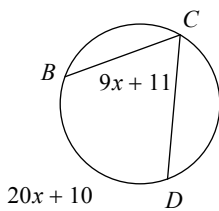
5) Find $m\angle LKM$



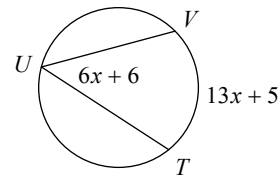
6) Find $m\angle BAC$



7) Find $m\angle BCD$



8) Find $m\angle TUV$



Use the information provided to write the equation of each circle.

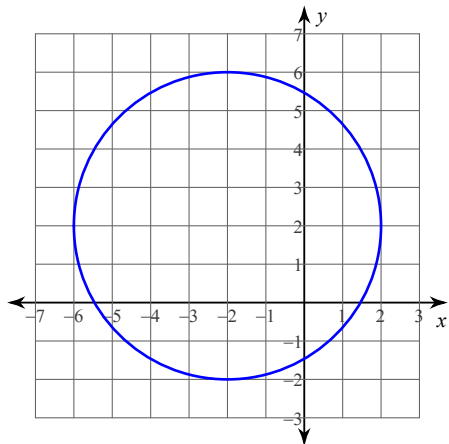
9) Center: $(-12, -8)$
Radius: 5

10) Center: $(-2, 12)$
Radius: 4

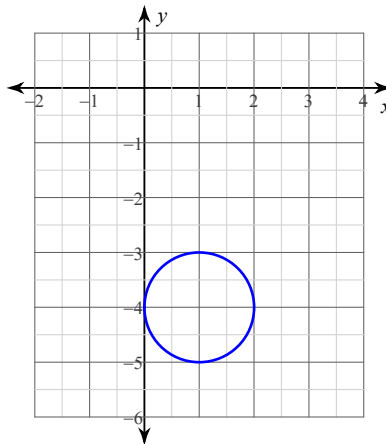
11) Center: $(3, 3)$
Radius: 3

12) Center: $(11, 3)$
Radius: 5

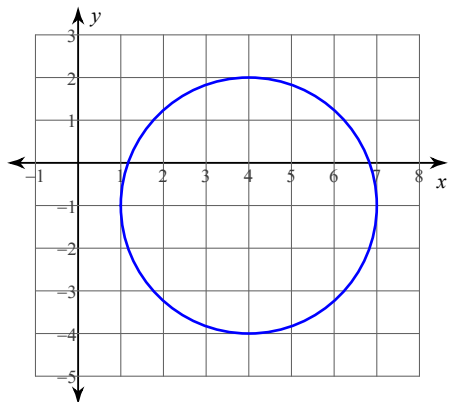
13)



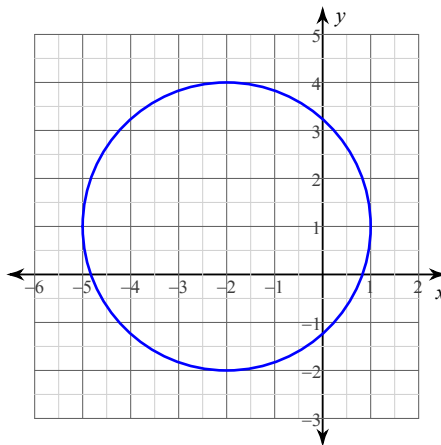
14)



15)



16)



17) Center: $(8, -5)$
Radius: $3\sqrt{7}$

18) Center: $(-14, 3)$
Radius: 2

Answers to Practice for Q3OBQ5 (ID: 11)

1) 75°

2) 82°

3) 110°

4) 112°

5) 115°

6) 113°

7) 65°

8) 48°

9) $(x + 12)^2 + (y + 8)^2 = 25$

10) $(x + 2)^2 + (y - 12)^2 = 16$

11) $(x - 3)^2 + (y - 15)^2 = 9$

12) $(x - 11)^2 + (y - 3)^2 = 25$

13) $(x + 2)^2 + (y - 2)^2 = 16$

14) $(x - 1)^2 + (y + 4)^2 = 1$

15) $(x - 4)^2 + (y + 1)^2 = 9$

16) $(x + 2)^2 + (y - 1)^2 = 9$

17) $(x - 8)^2 + (y + 5)^2 = 63$

18) $(x + 14)^2 + (y - 3)^2 = 4$