

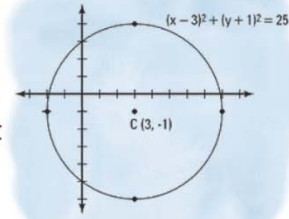
Name :

Class :



Graphing circle

A circle graph is the intersection graph of a set of chords of a circle.



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

1)

Center: $(11, 8)$

Radius: 4

2)

Center: $(-13, -5)$

Radius: 3

3)

Center: $(2, -14)$

Circumference: 4π

4)

Center: $(-8, -2)$

Circumference: 14π

5)

Center: $(4, -5)$

Area: 172π

6)

Center: $(16, 2)$

Area: 4π

7)

Center: $(-9, -8)$

Point on Circle: $(-9, -2)$

8)

Center: $(-12, -3)$

Point on Circle: $(-9, -7)$

9)

Center: $(16, -12)$

Tangent to $x = 14$

10)

Center: $(13, -2)$

Tangent to $x = 9$