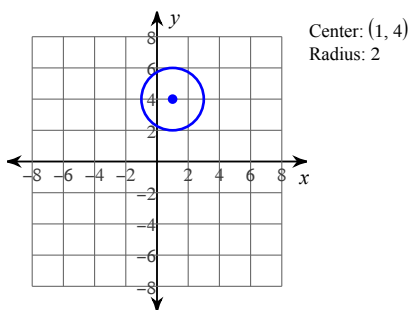


Answers to 7.1 Circles

1) The Pythagorean Theorem. A circle is the set of all points that are the same distance from the center, and you use the pythagorean theorem to find that distance for any point.

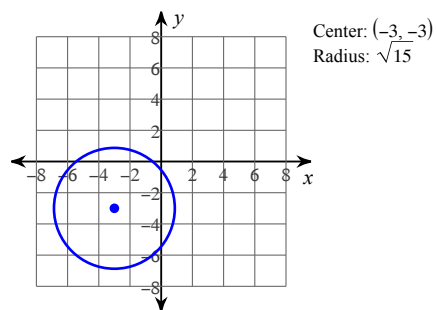
3)



7) $(x - 4)^2 + (y - 4)^2 = 4$

13) $(x - 4)^2 + (y + 11)^2 = 64$

5)



9) $(x + 3)^2 + (y + 2)^2 = 1$

15) $(x + 5)^2 + (y - 13)^2 = 18$

11) $(x + 3)^2 + (y + 8)^2 = 9$