CHAPTER REVIEW



EXERCISES

EXAMPLES 1 and 2 on pp. 626for Exs. 15-20

Graph the equation. Identify the radius of the circle.

15.
$$x^2 + y^2 = 81$$
 16. $x^2 = 40 - y^2$ **17.** $3x^2 + 3y^2 = 147$

Write the standard form of the equation of the circle that passes through the given point and whose center is the origin.

18. (5, 9) **19.** (-8, 2) **20.** (-7, -4)