



Find the center and radius of the circle. Show all steps.

$$x^2 + y^2 - 121 = 0$$

$$x^2 + y^2 - 8x - 6y - 11 = 0$$

$$x^2 + y^2 + 4x - 10y - 52 = 0$$

$$x^2 + y^2 + 14y + 44 = 0$$

$$x^2 + y^2 + 18x + 32 = 0$$



Find the center and radius of circles. Show all steps.

Center: $(0, 0)$ Radius: 11

Center: $(4, 3)$ Radius: 6

Center: $(-2, 5)$ Radius: 8

Center: $(0, -7)$ Radius: $\sqrt{5}$

Center: $(-9, 0)$ Radius: 7