Main Ideas/ Questions Conic Circles Characteristics	Notes   Image: Control of the state of the sta
Examples	1. Identify the center and radius from the following equation: $x^{2} + (y - 4)^{2} = 100$
	2. Identify the center and radius from the following equation: $(x+8)^2+(y-4)^2=8$
	3. Write the equation of a circle that has a center of (2, 3) and a radius of 5.
	4. Write the equation of a circle that has a center of (-3, 0) and a radius of $\sqrt{17}$ .
	5. Write the equation of a circle that has a center of (-2, 7) and a radius of $9\sqrt{2}$ .

## **Topic:** Graphing and Writing Conic Circle Equations

<u>Date</u>: \_\_\_\_



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Date:

