Homework 6.9 – Circle Equations Complete the Square – Honors Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Identify the center and radius of each circle by completing the square.

1. $x^{2}+y^{2}+8x=2$ 2. $x^{2}+y^{2}+2x=35$

3. $x^{2}+4x+y^{2}-8y=16$ 4. $x^{2}+y^{2}-2x-4y=4$

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