Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Graph the circle. Identify the center and radius.**    **3.**  **Center\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Radius \_\_\_\_\_\_\_\_** |
| **Write the equation of the circle. Identify the center and radius.**  **4. ends of diameter   (18, -13) and (4, -3)** |
| **Write the equation of the circle.**  **5. center (0, 13) and area 25π** |
| **Write the equation of the circle in general form. Identify the center and radius.**  **6.**  **Equation\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Center\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Radius\_\_\_\_\_\_\_\_\_\_\_** |
| **7. Plot the points A(1, 4), B(4, 5), and C(5, 2)**   1. **Calculate the perimeter of the triangle (add up all the sides).** 2. **Calculate the area of the triangle (a = ½ bh)** 3. **Classify the triangle.** |