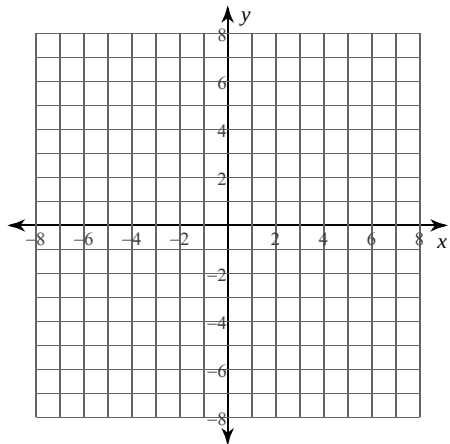


Daily Work

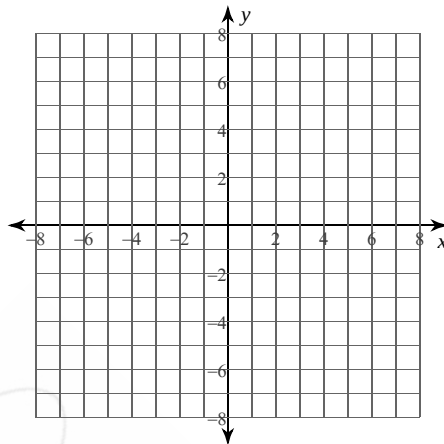
Date _____

Identify the center and radius of each. Then sketch the graph.

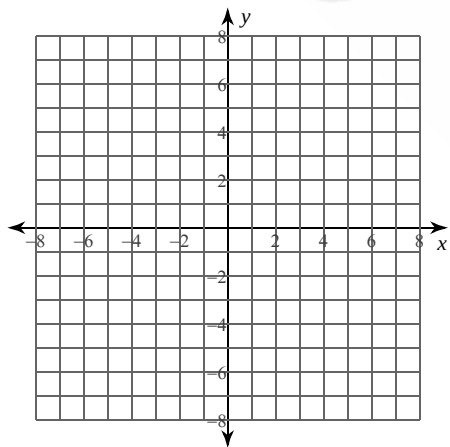
1) $(x - 1)^2 + (y - 2)^2 = 1$



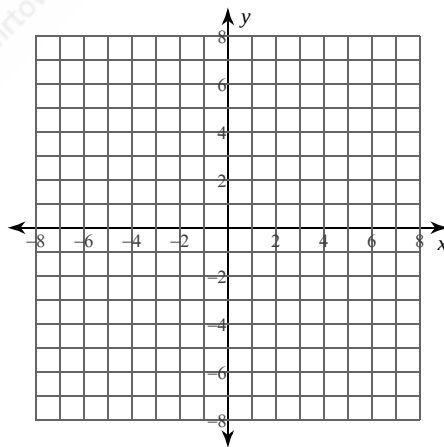
2) $(x + 4)^2 + (y + 4)^2 = 1$



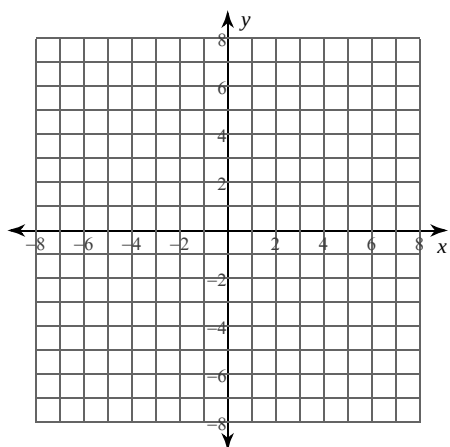
3) $(x + 2)^2 + (y - 1)^2 = 16$



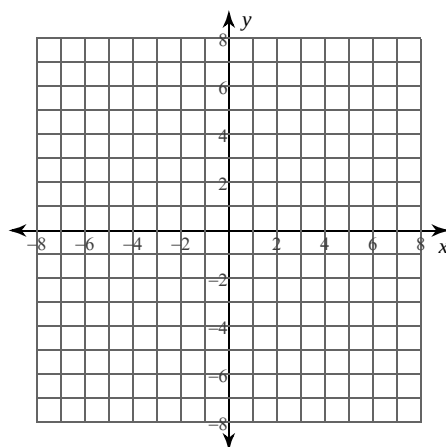
4) $(x - 1)^2 + (y + 3)^2 = 16$



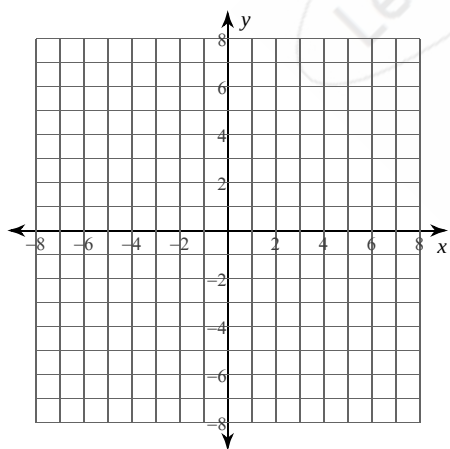
5) $x^2 + 4x = -y^2 - 11 + 8y$



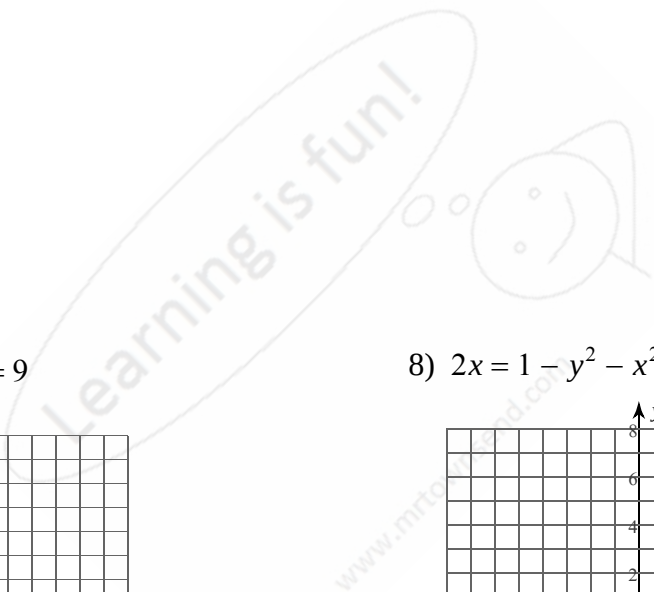
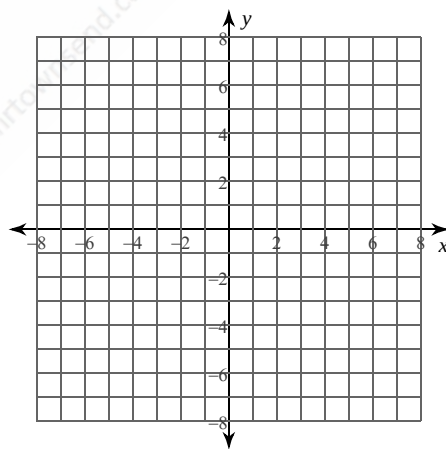
6) $-8y - 2x + x^2 = -16 - y^2$



7) $(x - 3)^2 + (y - 1)^2 = 9$

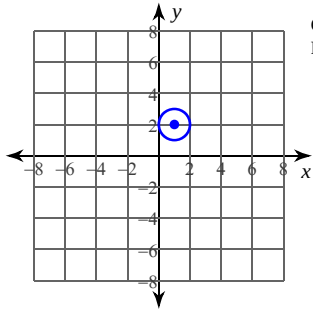


8) $2x = 1 - y^2 - x^2 + 4y$



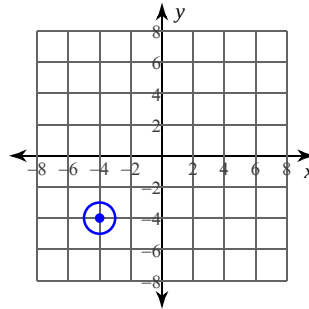
Answers to Daily Work

1)



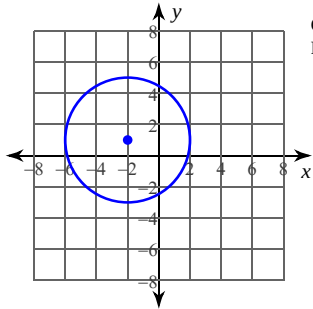
Center: $(1, 2)$
Radius: 1

2)



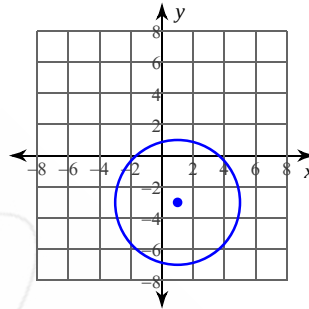
Center: $(-4, -4)$
Radius: 1

3)



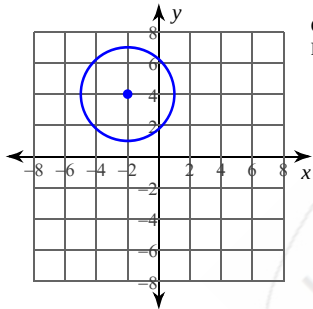
Center: $(-2, 1)$
Radius: 4

4)



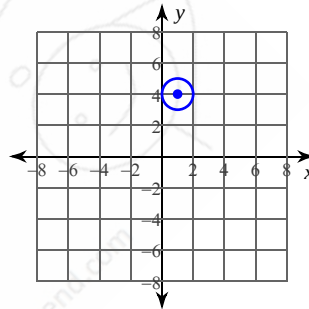
Center: $(1, -3)$
Radius: 4

5)



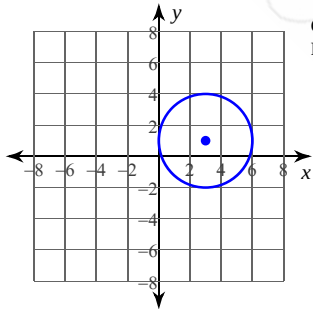
Center: $(-2, 4)$
Radius: 3

6)



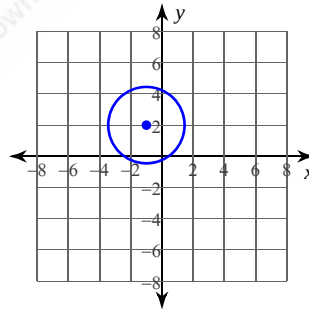
Center: $(1, 4)$
Radius: 1

7)



Center: $(3, 1)$
Radius: 3

8)



Center: $(-1, 2)$
Radius: $\sqrt{6}$