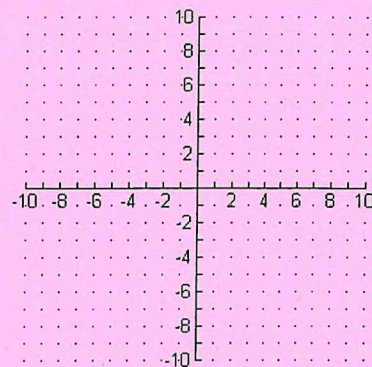


Math 2311 Q2A 2020

Name: \_\_\_\_\_ #: \_\_\_\_\_

1) Identify the center, radius, and graph the circle.  $(x + 3)^2 + (y - 2)^2 = 4$



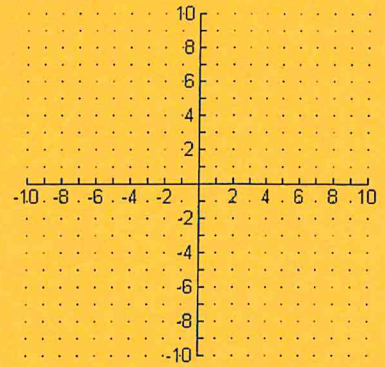
2) Write the equation in the form  $(x - h)^2 + (y - k)^2 = c$ . Then identify the center, radius.

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

Math 2311 Q2B 2020

Name: \_\_\_\_\_ #: \_\_\_\_\_

1) Identify the center, radius, and graph the circle.  $(x - 1)^2 + (y + 4)^2 = 9$



2) Write the equation in the form  $(x - h)^2 + (y - k)^2 = c$ . Then identify the center, radius.

$$x^2 + y^2 - 10x + 4y - 20 = 0$$