

## Quiz 11

Name: ANSWER KEY

Score: \_\_\_\_\_

Describe in detail the graph of the equation:

$$x^2 + y^2 + 4x - 2y + 5 = 0$$

$$(x^2 + 4x) + (y^2 - 2y) = -5$$

$$(x^2 + 4x + 4) + (y^2 - 2y + 1) = -5 + 4 + 1$$

$$(x+2)^2 + (y-1)^2 = 0$$

The point  $(-2, 1)$ .