

Name: ANSWER KEY Score: _____

Describe the graph of: $x^2 + y^2 - 10x + 18 = 0$

$$(x^2 - 10x) + y^2 = -18$$

$$(x^2 - 10x + 25) + y^2 = -18 + 25$$

$$(x - 5)^2 + y^2 = 7$$

Circle; center = (5, 0); radius = $\sqrt{7}$