

Name: ANSWER KEY

Score: _____

Sketch the graph of the system of inequalities:

$$\begin{cases} x - y^2 < 0 \\ x + y^2 \geq 0 \end{cases}$$

$$x - y^2 = 0 \Leftrightarrow x = y^2$$

$$\text{Test pt } (1, 0)$$

$$1 - 0^2 < 0 \text{ No.}$$

$$x + y^2 = 0 \Leftrightarrow x = -y^2$$

$$\text{Test pt } (-1, 0)$$

$$-1 + 0^2 \geq 0 \text{ No.}$$

