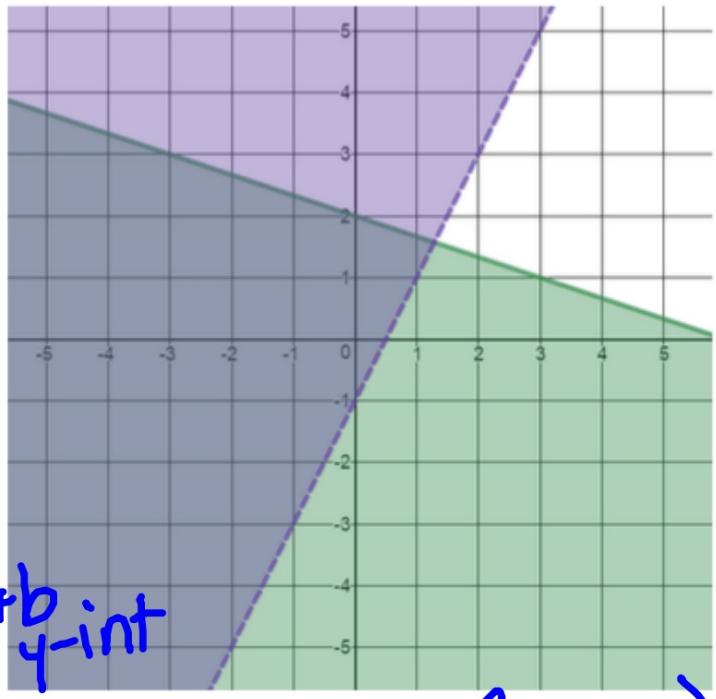
Write a system of linear inequalities represented by the graph.

$y \leq -1x + 2$

$y > 2x - 1$



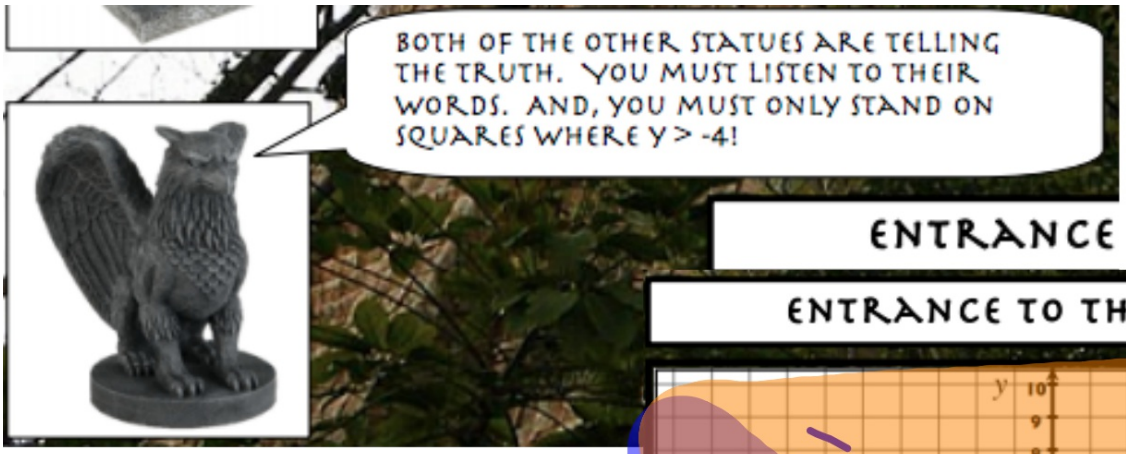
Summary:

1) Graph like normal $y = mx + b$ ($m = \frac{\text{rise}}{\text{run}}$, b = y-int)

2) Dashed ($<$ $>$) or solid ($\geq$ $\leq$)

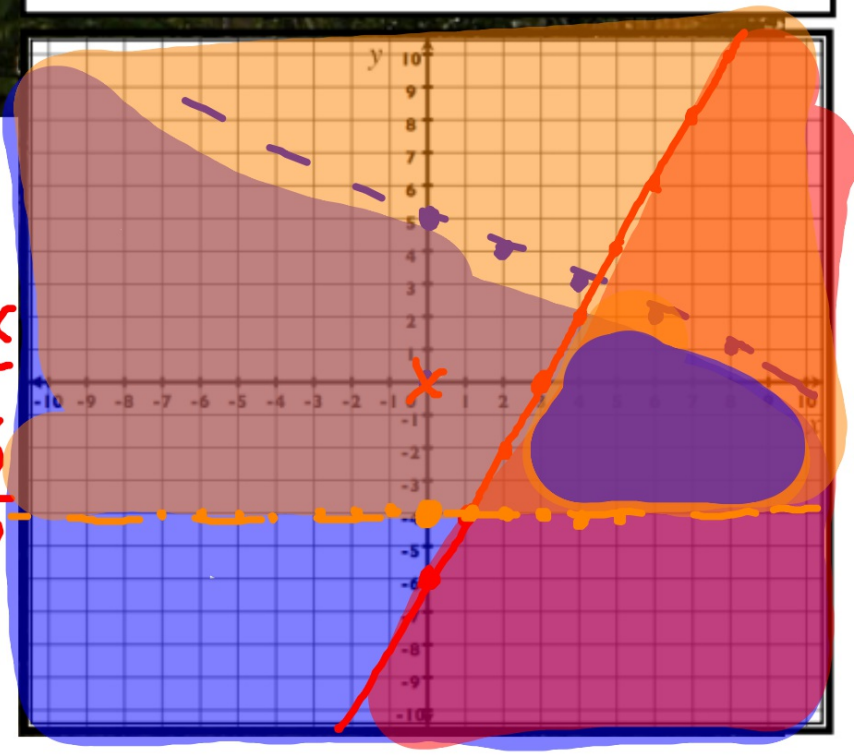
3) Test a point to determine shading

4) Solution is the overlap



$y < -\frac{1}{2}x + 5$

ENTRANCE TO THE TEMPLE



$$6x - 3y \geq 18$$

$$-6x \qquad -6x$$

$$-3y = -6x + 18$$

$$\frac{-3y}{-3} = \frac{-6x}{-3} + \frac{18}{-3}$$

$$y = \frac{2x}{1} - 6$$