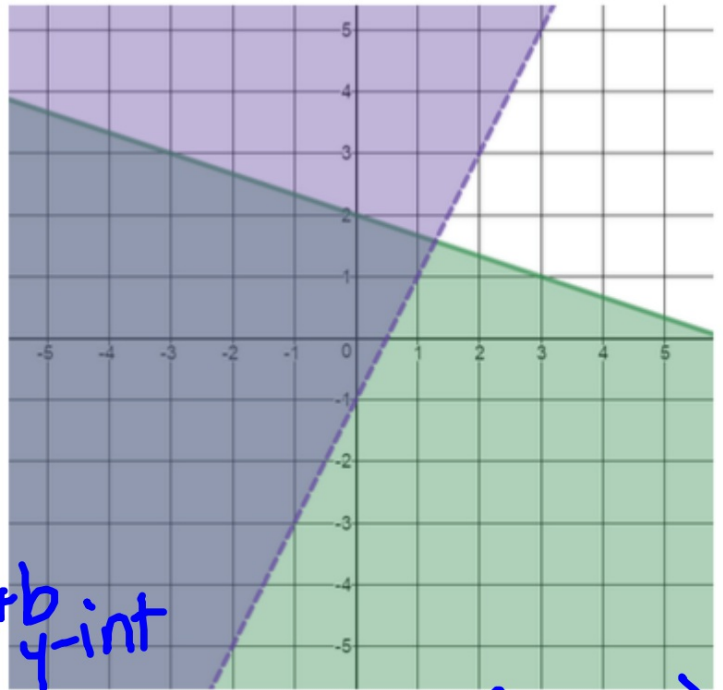


Write a system of linear inequalities represented by the graph.

$$y \leq -1x + 2$$

$$y > 2x - 1$$



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

Summary:

- 2) Dashed ( $<$   $>$ ) or solid ( $\geq$   $\leq$ )
- 3) Test a point to determine shading
- 4) Solution is the overlap

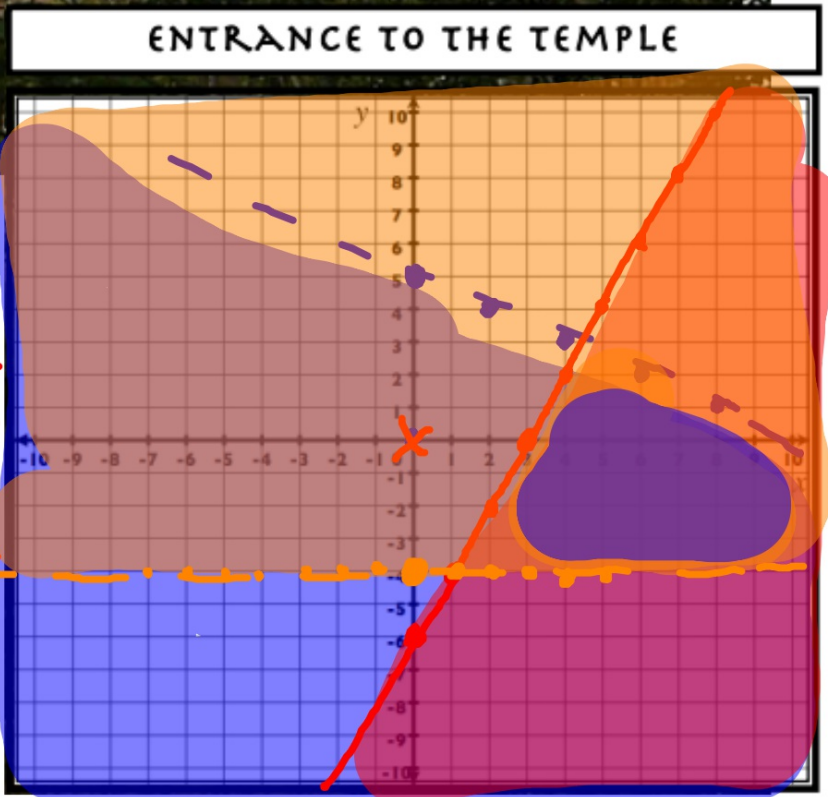
BOTH OF THE OTHER STATUES ARE TELLING THE TRUTH. YOU MUST LISTEN TO THEIR WORDS. AND, YOU MUST ONLY STAND ON SQUARES WHERE  $y > -4$ !

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



ENTRANCE

ENTRANCE TO THE TEMPLE



$$\begin{array}{r} 6x - 3y \geq 18 \\ -6x \qquad \qquad -6x \\ \hline -3y = -6x + 18 \\ \frac{-3y}{-3} = \frac{-6x + 18}{-3} \\ y = \frac{2x - 6}{1} \end{array}$$