

\*

Is  $\begin{pmatrix} 4,6 \\ x,y \end{pmatrix}$  a solution of  $6x - 2y \leq 2$  ?

$$6x - 2y \leq 2$$

$$\underline{6(4)} - \underline{2(6)} \leq 2$$

$$24 - 12 \leq 2$$

$$12 \leq 2 \quad \text{No}$$

so  $(4,6)$  is Not a solution