When graphing linear inequalities recall.
> Draw a
 line, and shade the area bose the line.
< Draw a
 line, and shade the area $S$ s ow the line.
 line, and shade the area Hove the line.
 line, and shade the areaselow the line.


## EXAMPLE:

 GRAPH

$$
m=\frac{2}{1} \quad b=-2
$$

$$
\frac{\text { rise }}{1 u^{n}}
$$


POINT IN SOLUTION SET: $(5,-\overline{5})$

## EXAMPLE:

GRAPH

sola above


POINT IN SOLUTION SET: $(2,1)$

## INEQUALITIES: STANDARD -> SLOPE-INTERCEPT <br> $\mathbf{A x}+\mathbf{B y}<\mathbf{C} \quad->\quad \mathbf{y}<\mathbf{m x}+\mathbf{b}$

1. GET "Y" BY ITSELF

## 2. WATCH OUT FOR NEGATIVES

## EXAMPLE: <br> 00:00 0

## CONVERT TO SLOPE INTERCEPT



