

pg 370 2, 5, 6, 7, 14-19

② Not a Solution

⑤ B

⑥ Below

⑦ to the
Right

⑭ $(0,0) \rightarrow$ is
 $(-6,3) \rightarrow$ Not

⑮ $(0,0) \rightarrow$ is
 $(-1,-1) \rightarrow$ is

⑯ $(0,0) \rightarrow$ Not $(2,-4)$
 $(1,2) \rightarrow$ is
↓
Not

⑰ $(0,0) \rightarrow$ is

$(2,0) \rightarrow$ Not

⑱ $(0,0) \rightarrow$ Not
 $(8,1) \rightarrow$ Not

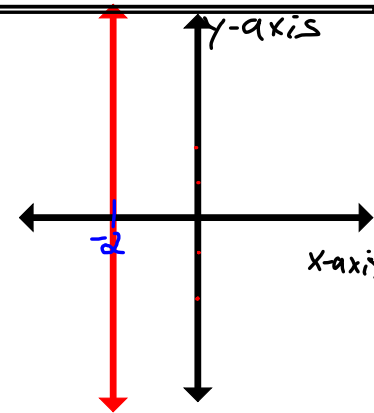
* Side w/ No Graphs

May 22, 2007

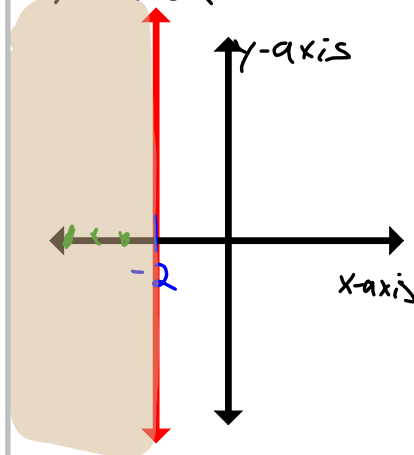
b. 8 cont.

Sketches

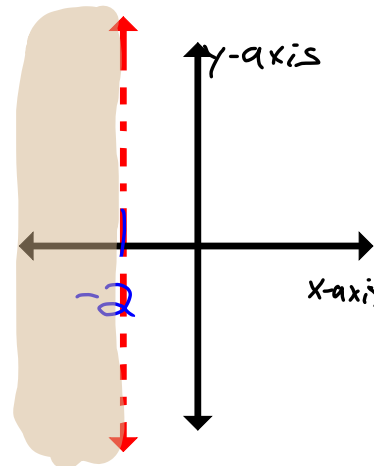
Recall
Linear Graph $x = -2$
Vertical Line



Sketch
 $x \leq -2$

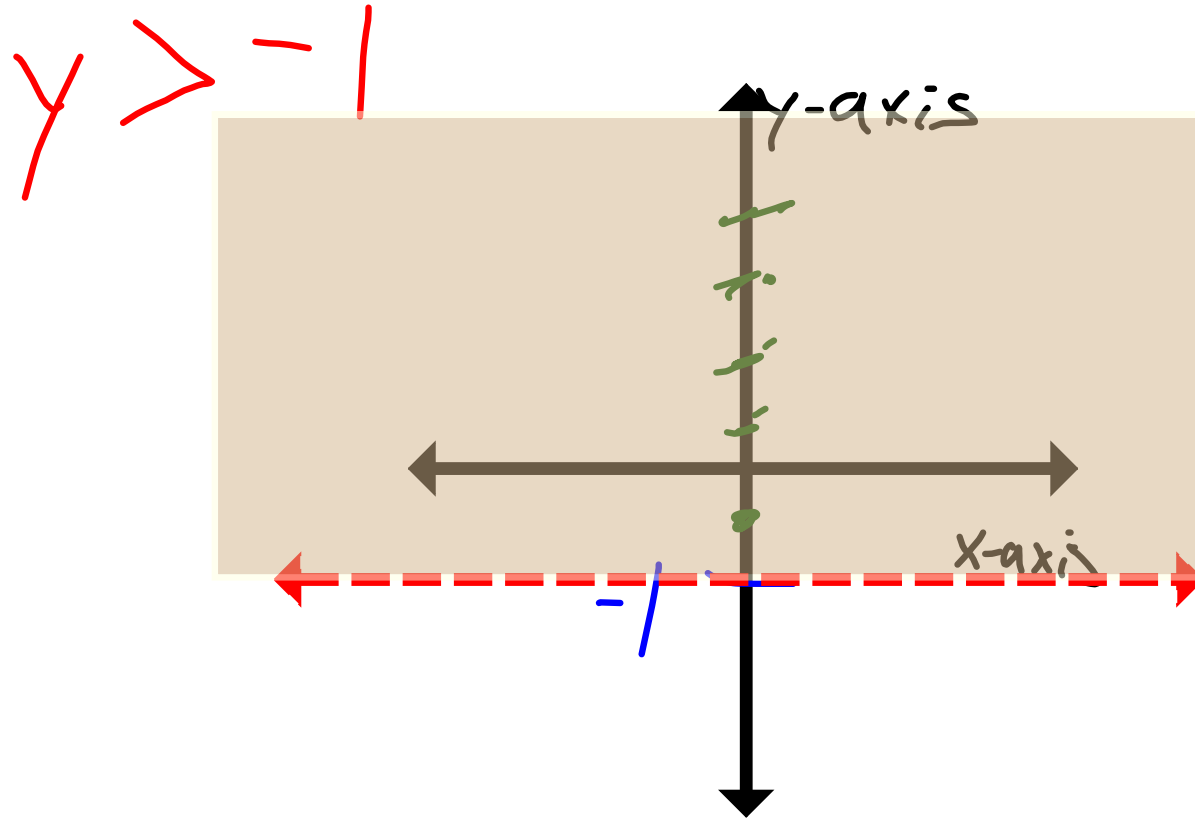


$x < -2$



Horizontal Linear Inequalities

Sketch:



Graph Side:

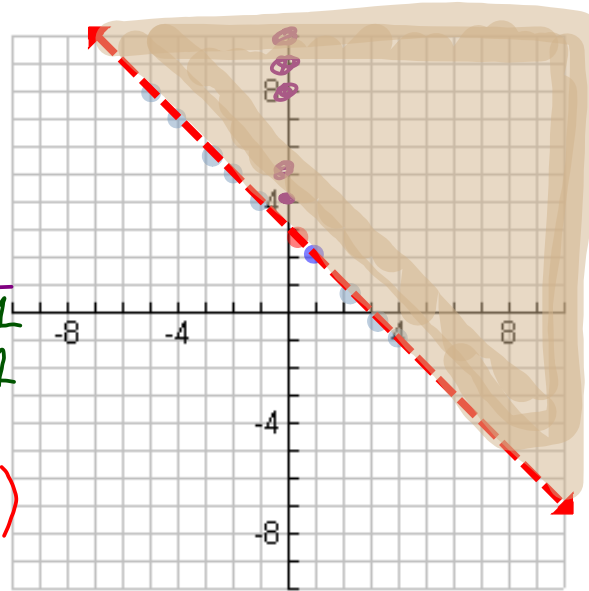
Graph:

$$x + y > 3$$

$$y > -x + 3$$

$$m = \frac{\text{rise}}{\text{run}} = -1 \quad \begin{matrix} \text{Down 1} \\ \text{Right 1} \end{matrix}$$

$$b = y\text{-int} = 3 \Rightarrow (0, 3)$$



Check $(0, 0)$: $(0, 0)$ should NOT work

$$x + y > 3$$

$$(0) + (0) > 3$$

$$0 > 3$$

Since... $(0, 0)$
did NOT work,
we shaded
correctly

Graph

$$2x - y \geq -2$$

$$\frac{-2x}{-2x} \quad \frac{-2x}{-2x}$$

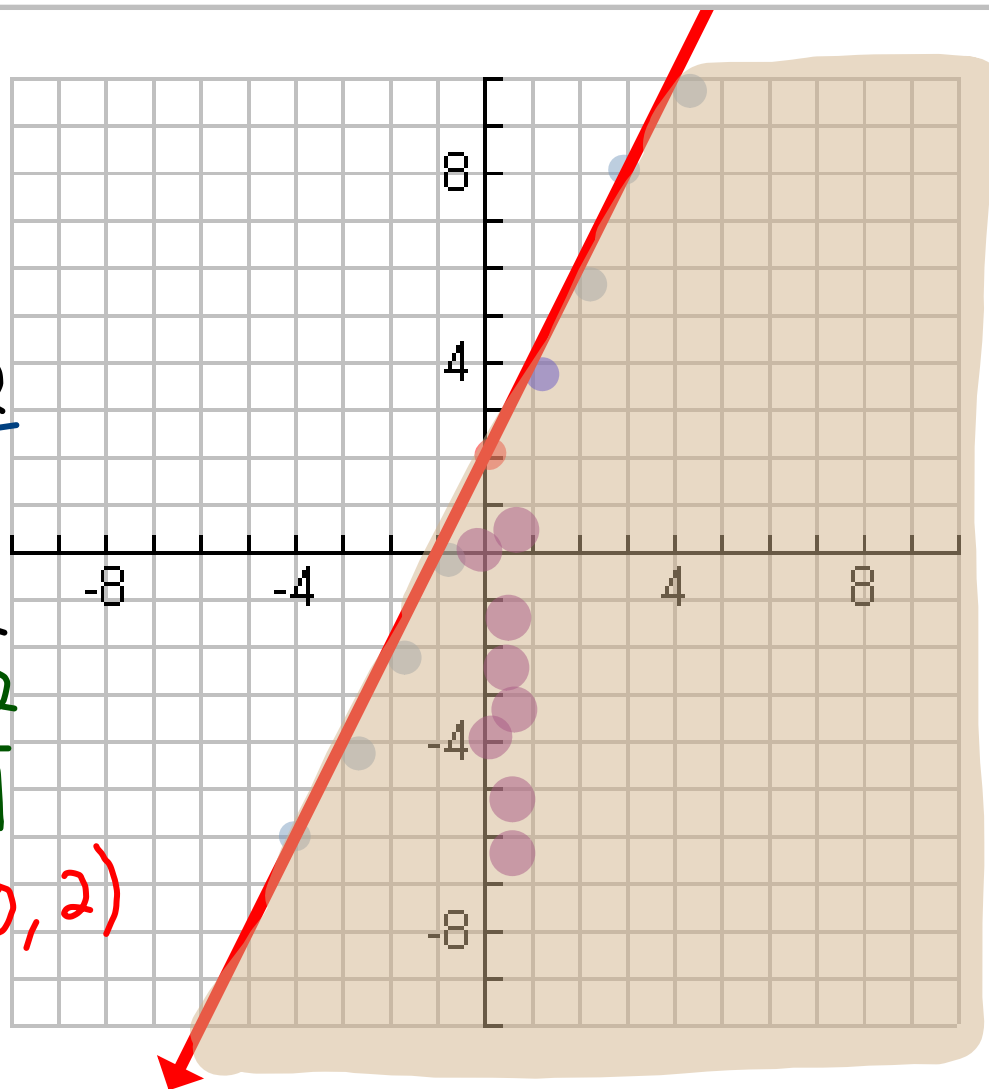
$$\frac{-y}{-1} \geq \frac{-2x - 2}{-1}$$

$$y \leq 2x + 2$$

$$m = \frac{\text{rise}}{\text{run}} = 2 \quad \frac{\text{up } 2}{\text{right } 1}$$

$$b = y\text{-int: } 2 = (0, 2)$$

Check (0,0)



Please say nothing for a sec.

write your Name & Date
on a New Sheet of Paper

This will get you 10pts
for the Day

Turn into the Bin

O.T.L.

① pg 370-371:

20-25(a); 27, 29-31(a);

37-49(o)

Graph!

③ Ch. Test
Friday