$$(2) X = -2$$

$$4y = -2 \times + 1$$

Write in standard form

$$\frac{1}{5}3y = -\frac{2}{3}x+1$$

$$3y = -2x + 3$$
  
+2\* +2\*

$$2x+3y=3$$

$$6)^{\frac{15}{1}} \left[ \frac{1}{3} y - \frac{4}{5} x + \frac{7}{15} \right]$$

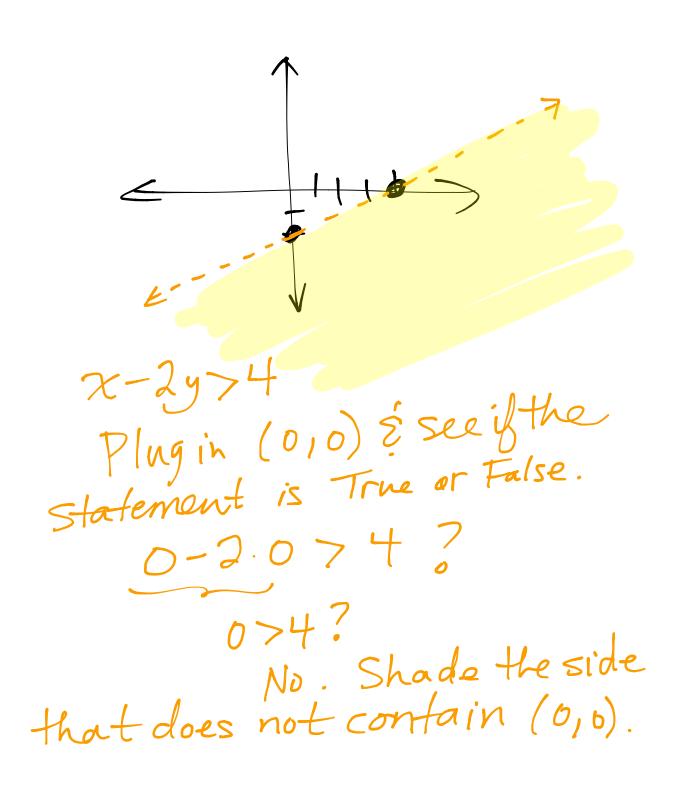
$$5y = 12x + 7$$

$$-12x - 12x$$

$$-12x + 5y = 7$$

$$12x - 5y = -7$$

Howdo I graph linear inequalities? Soliciline 

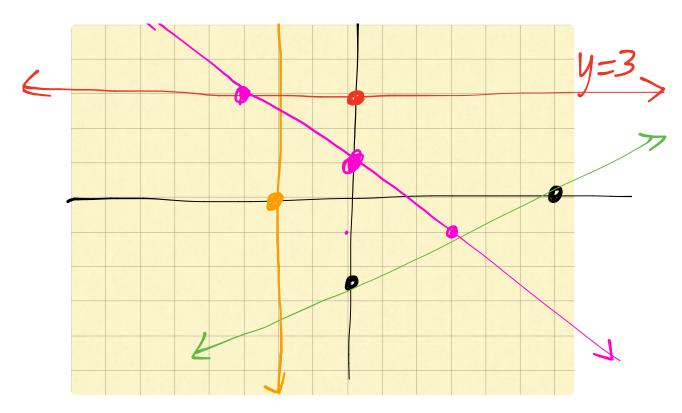


Ex. Laph Tost (0,0) クンラ・0+2 shade the side that contains (0,0). 1) Graph 3x-4y=12. Label x-andy-intercepts. Graph X=5 : y= Put in standard form:  $\frac{1}{2}y = -\frac{1}{4}x + \frac{5}{2}$ 

When you are finished, please staple this to your homework and place into the tray. Then start on tonight's homework.

$$2x-5y=12 
2x=12 
x=6 
(6,0) 
(6,0) 
(0,-2.4)$$

1x=-2



Writein Standard form:
$$12 \left[ \frac{1}{2}y = -\frac{1}{4}x + \frac{5}{3} \right]$$

$$6y = -3x + 20$$

$$+3x + 6y = 20$$

How do I graph linear inequalities? 3x+4y>12 soloHed First just grown 3x + 4y = 12like normally. y=3 x= (0,3)

Test (0,0) in 3x+4y7/2. 3.0+4.0>12? 0>12? No. This means shade the side that does Not have (0,0) init. Ex. Graph & shade y = 2x - 3 -2x + y = 3 Test (0,0)  $0 \le 2.0-3$ ?  $0 \le -3.7$  No. Graph 15x-3y=15 2x+2y=-6Find x-z y-intercepts.

Turn in hw with these.