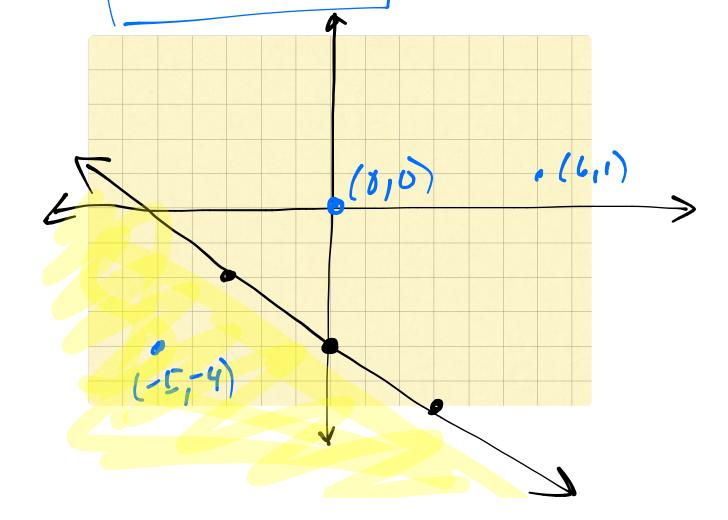
In your groups, please discuss section 2.7 and graph:

1. 2x + 3y > 12

2.  $y \le -\frac{2}{3}x - 5$ 

graph a popula Straight, edge.



Y = -2 X-5 Plug in (0,0) and determine if the statement is Tor F. IS 0 < - 2.0 - 5 5 0 < -5 % No. False. Shade the side that does Not contain (0,0).

2×+3y712 x-int: y=0 y-int: x=0 2x+3.0=12 2.0+3y=12 2x=12 3y=12 x=6 (6,0) (0,4)X-int: 4=0 2x+3y7/2

Test (0,0): 2.0+3.0>12 Is 0712? No! Shade the side that does not contain (0,0). 2x+3y712 347-2X+12 3 3  $y > \frac{-2}{3}x + 4$ Test (0,0) Is 0>=2.0+4? 074? No.

Is (0,0) in region? 0> 101-47 0>-4? Yes! Shade the region that contains (0,0). P.98: 13-25 odd GRAPH PAPER-USE SE!

Check as you go!

p. 100: 1-54-> Ch2 Review