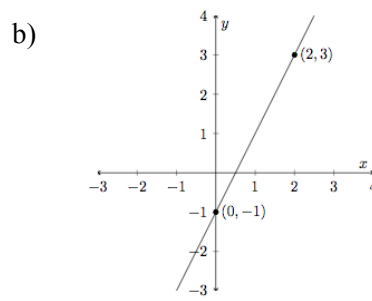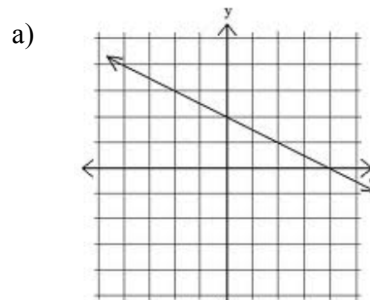1. Find the equations of the following lines in slope - intercept form.

a)

b)

c) slope 3, through the origin

2. Find the slope and y-intercept of the following lines.

a) $y = \frac{x}{3} + 2$

b) $5x - y = 2$

c) $4x - 5y - 20 = 0$
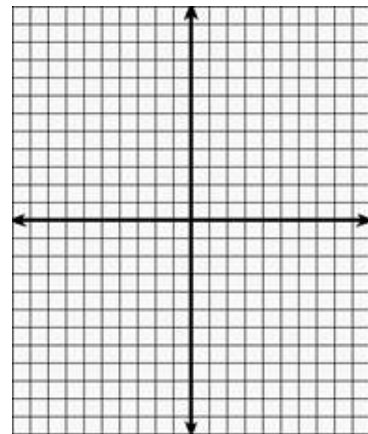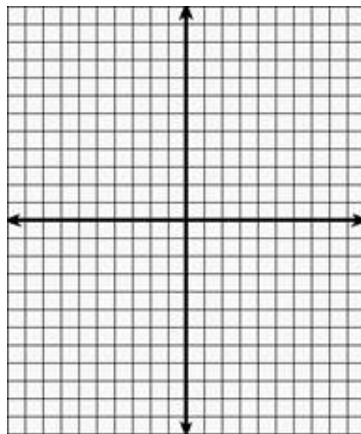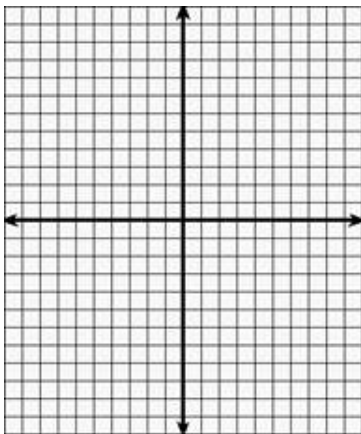
d) $4x - 6y = 0$

e) $y + 3 = 0$

f) $2y + 4 = 0$

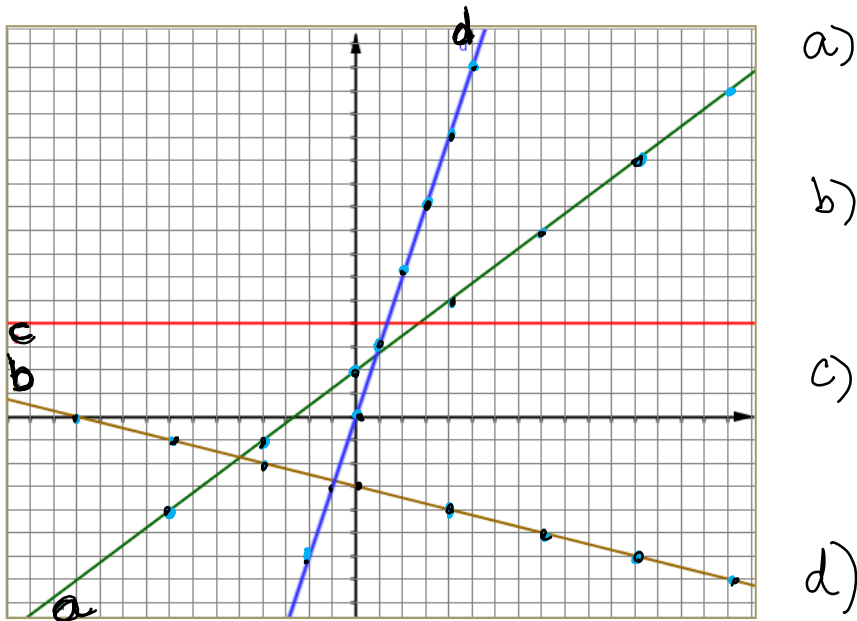3. Graph the following lines using slope-intercept form.

a) $y = -2x$

b) $y = -\frac{x}{4} + 1$

c) $2x + 5y = 10$

4. Determine the equation of each line segment a,b,c and d.

a)

b)

c)

d)

5. Write the equation of a line with the same slope as $x + 3y = 9$ and the same y-intercept as

$3x - 2y - 24 = 0$

6. Write the equation of a line with the same slope as $2x - 10y + 30 = 0$ and the same y-intercept as

$3x - 4y = 24$

Assignment p353 #11-15,17,19,20,24 (for #14 y1,y4,y7,y9)