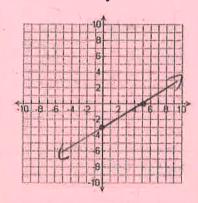
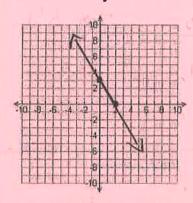
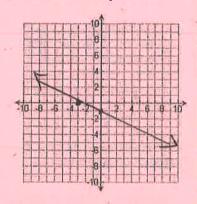
1. Graph the equation of a line with x-int 5 and y-int -3:



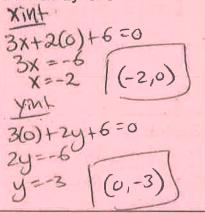
Graph the equation of a line with x-int 2 and y-int 3:



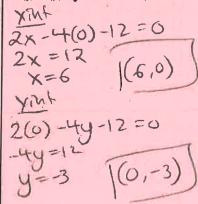
Graph the equation of a line with x-int -3 and y-int -1:



2. What are the x and y-intercepts of the following line? 3x+2y+6=0



What are the x and y-intercepts of the following line? 2x-4y-12=0

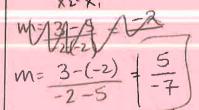


What are the x and y-intercepts of the following line? 5x+2y+30=0

$$5x+2(0)+30=0$$

 $5x=-30$ (-6,0)
 $X=-6$ (-6,0)
Yiv:
 $5(0)+2y+30=0$
 $2y=-30$ (0,-15)
 $y=-15$ (0,-15)

3. Find the slope of the line that passes through (-2,3) and (5,-2)



Find the slope of the line that passes through (-1,4) and (2,-3)

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

$$m = \frac{-3 - 4}{2 - (-1)} = \frac{-7}{3}$$

Find the slope of the line that passes through (-2,-3) and (-5,-2)

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

 $m = -2 - (-3) = \frac{1}{-3}$

4. Find the equation of a line with slope 1/3 and y-int 5 in slope intercept form:

$$y=mx+b$$

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

Find the equation of a line with slope-¾ and y-int 4 in slope intercept form:

$$y=mx+b$$

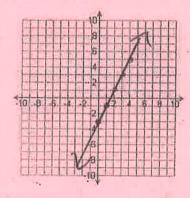
$$y=-\frac{2}{3}x+4$$

Find the equation of a line with slope 5 and y-int 3/3 in slope intercept form:

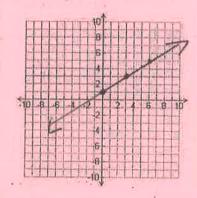
$$y=mx+b$$

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

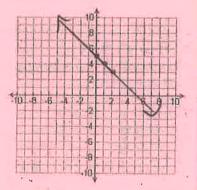
5. Graph y=2x-3



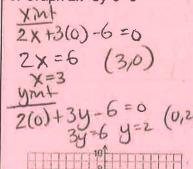
Graph y=2/3x+1



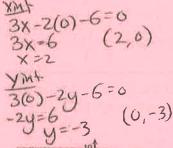
Graph y=-x+5

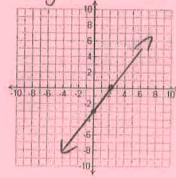


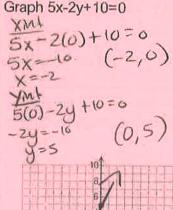
6. Graph 2x+3y-6=0

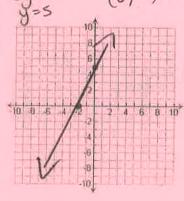


10 8 6 A 2 2 6 6 10 -10 8 6 A 2 2 6 6 10 Graph 3x-2y-6=0



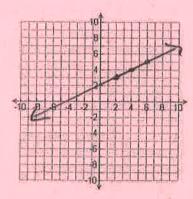




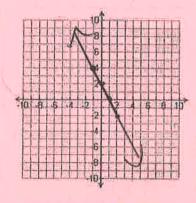


7. Graph y-3=
$$\frac{1}{2}$$
(x-2)

(2,3)

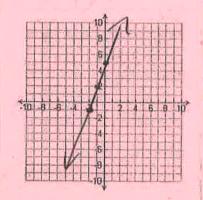


M= -2 .



Graph y+1=3(x+2)
$$y = 3$$

(-2,-1)



8. Write the equation of the line that goes through (-3,2) and (-2,5) in all three forms $M = \frac{2}{3} - \frac{1}{3} = \frac{2}{3} - \frac{1}{3} = \frac{3}{3}$

M=3

glope punt y-y, =m(x-x)

y-2=3(x-(-3))

y-2=3(x+3)

slope intercept

y=3(x+3)+2 y=3x+9+2

y=3x+11

General

0=3x-y+11

Write the equation of the line that goes through (5,-2) and (-2,-5) in all three forms

m= 42-41 = -2-(-5)= 3 F-(-1)

Slope point y-(-2) = 3(x-5) y+2 = 3(x-5)

slope intercept

y===(x-5)-2

y===x-==-2

Y=== X - 블 - 블

0=3x-7y-29

Write the equation of the line that goes through (3,2) and (-5,5) in all three forms

m = 2-5 = 3-(-5)

5lope point y-2=-3(x-3)

Slope intercept

y=-3(x-3)+2

y=-3x+9+2

y=-3x+3+168

y= -3x + 25

General $0 = -\frac{3}{8}x - y + \frac{25}{8}x + \frac{3}{8}$

0 = -3x - 8y + 25

	9. Write the equation of the
- 1	line that is parallel to
	4x+8y-12=0 and goes through
- 3	(3,4) in general form
	Qu= -4x+12
	1 4 3
1	W=-5x+5
	0,22
1	m=-=
	- (1)(3)
	4-4= - (X-3)
	0
	リーナー・カメナラ
_	

$$2x + y - 1 = 0$$

$$y = -2x + 1$$

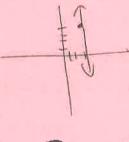
$$y - 3 = -2(x + 2)$$

$$y - 3 = -2x - 4$$

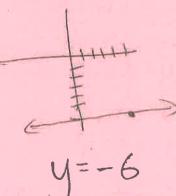
$$2x + y - 3 + 4 = 0$$

$$2x + y + 1 = 0$$

$$5x-15y-30=0$$
 $-15y=-5x+30$
 $-15y=-5x+30$
 $y=-5x-2$
 $y=-3x-2$
 $y=-3x+3$
 $y=-3x+3$
 $y=-3x+3$
 $y=-3x+3$
 $y=-3x+3$



Write the equation of the horizontal line that goes through (5,-6)



Write the equation of the vertical line that goes through (0,5)

$$X = 0$$