

-1=5x

y = 4x - 9

Y= Y(3) -9

Y=12-9

$$-9 = 1 \times$$

$$9 = -2(-2) + 5$$

$$9 = 9 \times$$

$$9 = -2(-2) + 5$$

$$9 = 9 \times$$

$$-2 = -2x + 4$$

-6=-EX

 $\int 3 = \chi$

y = -2x + 5

-9 = -2(2) + 5

-9 = -4 + 5

 $\frac{-4x}{-4} = \frac{32}{-4} \quad \boxed{x = -8}$

60 mph

$$4 = -3(-2) - 4$$

$$4 = 6 - 4$$

$$4 \neq 2$$

$$(-3,5)$$

$$5 = -3(-3) - 4$$

$$5 = 9 - 4$$

$$5 = 5$$

Y = -3x - 4

$$(-7-(-1)) = M(5-1)$$

$$-7+1$$

$$-6 = M(4)$$

$$-\frac{6}{4} = M$$

$$-\frac{6}{4} = M$$

$$-\frac{3}{2} = M$$

$$-5x + 9y = -18$$

$$-9y = -18$$

$$-9y = -18$$

$$-5x + 9y = -18$$

$$-5x + 9y = -18$$

$$-5x + 9y = -18$$

 \overline{q} q

Y=-2

y-int = (0;2)

 $(Y_2 - Y_1) = M(X_2 - X_1)$

$$Y = \frac{8 - 6x}{10}$$

$$Y = -\frac{6}{10}x + \frac{8}{10}$$

$$Y = -\frac{3}{5}x + \frac{4}{5}$$

$$M = -\frac{3}{5}$$

$$-5x + 9y = -18$$

 $\frac{-5x}{-5} = -18$ $/\left(\frac{18}{5},0\right)$

 $X = \frac{-18}{-5} = \frac{18}{5}$

X-int =

6x + 10y = 8

10y = 8 - 6x

$$7x-5 = 4y-6$$

$$-5 = 4y-6$$

$$+5 +5$$

$$-1 = 4y$$

$$-1 = 4y$$

$$\frac{7}{7} = \frac{1}{7}$$

$$x = -\frac{1}{7}$$

$$x - 10 + = \left(-\frac{1}{7}, 0\right)$$

$$X = -\frac{1}{7}$$

$$X =$$

$$x-101 = (-\frac{1}{7}, 0)$$

$$1 = 3(x-4)$$

$$1 = 3(x-4)$$
 $1 = 3x - 12$

$$Y+1=3(x-4)$$

 $Y+1=3x-12$
 $y=3x-13$

$$1 = 3(x-4)$$

 $1 = 3x - 12$
 $= 3x - 13$

$$1 = 3x - 12$$

= $3x - 13$

$$y + 1 = 3x - 12$$

 $y = 3x - 13$

$$y = 3x - 13$$

$$M = 3$$

$$\begin{pmatrix} 8 - 0 \end{pmatrix} = M \begin{pmatrix} 3 - 1 \end{pmatrix} \\
8 = M \begin{pmatrix} 2 \end{pmatrix}$$

$$y = 2M$$

$$\frac{8}{2} = \frac{2m}{2}$$

$$\boxed{4=m}$$

$$\frac{Y - int = (0,)}{(Y_2 - Y_1) = M(X_2 - X_1)}$$

$$\frac{1}{4} = 4$$

$$-int = 0,$$

$$\frac{1}{4} = 4$$

$$4 - int = \left(0, \frac{1}{4}\right)$$

$$(0, \frac{1}{4})$$

$$(0,7) (4,-5) b = 4-mx$$

$$(42-4) = m(x_2-x_1) b = 7-(-3)(0)$$

$$(-5-7) = m(4-0) b = 7-0$$

$$-12 = 4m$$

$$\frac{-12}{4} = \frac{4m}{4}$$

$$-3 = m$$

$$3 = M$$

$$3 = M$$

$$3 = M$$
 Y

 $(y_2 - y_1) = m(x_2 - x_1)$

(-8-1) = m(5-2)

-9 = 3m

-3 = M

$$3 = M$$
 Y

$$-3 = M$$
 $(2,1)$ and $(5,-8)$

$$b = y - mx$$

b = 1 - (-3)(2)

b = 1 - (-6)

6=1+6

y = -3x + 7

$$4 = M(3+3)$$

$$4 = 6M$$

$$6$$

$$M = \frac{2}{3}$$

$$7 = -2x - 21 \quad 9 = -260 - 21$$

$$0 = -2x - 21 \quad 9 = -21$$

$$21 = -2x$$

(y-int=(0,-21)

(-3,2) and (3,6)

 $(Y_2-Y_1)=M(X_2-X_1)$

6-2=M(3-(-3))

$$\frac{21}{5} = \frac{4x - 12}{5}$$

$$\frac{21}{-2} = \frac{4x - 12}{5}$$

$$1 + 2 = \frac{4}{5}x - \frac{12}{5}$$

$$1 = \frac{4}{5}x - \frac{12}{5}$$

$$5(y+2) = 4x-12$$

 $5(y+2) = 4x-12$
 5
 $1+2 = 4x$

Y=MX+b

$$b = (-2) - \frac{3}{2}(2) \qquad y = hx + b$$

$$b = -2 - 3 \qquad y = \frac{3}{2}x - 5$$

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

$$b = -2 - 3$$

$$b = -5$$

y=MX to

y = 9.5x

$$y = 4x - 9$$
 $y = 4(3) - 9$
 $y = 12 - 9$
 $y = 3$

$$4x - 3y = 17$$
 $4x - 3607 = 17$

$$4x - 360 = 17$$
 $4x = 17$

$$\frac{4}{4} = \frac{17}{4}$$
 $\frac{17}{4} = \frac{17}{4}$

$$x = \frac{17}{4}$$

$$x - 9n + = \left(\frac{17}{4}, 0\right)$$

$$Y = \frac{17}{3} = -\frac{17}{3}$$

$$y - int = \left(0, -\frac{17}{3}\right)$$

4x-3y=17

y(0) - 3y = 17

 $\frac{-1}{-1} = \frac{-3}{-3}$