

Eiven
$$A(-4,2)$$
, $B(8,10)$

1) Draw AB

$$= m(\frac{2}{1+3},\frac{2}{2+10}) + \frac{2}{2}$$

2) Sind midpoint M

and plot it.

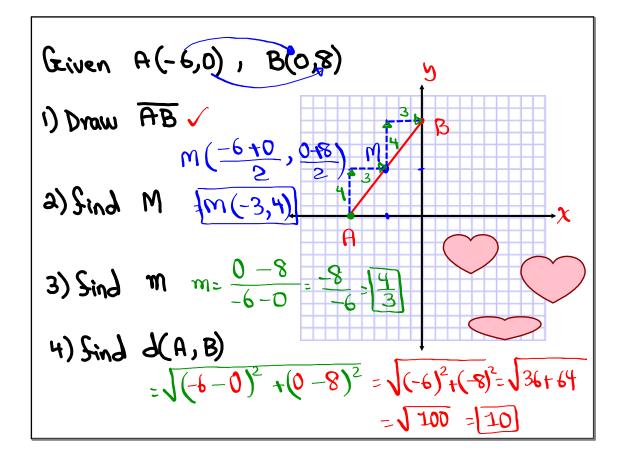
3) Sind slope M , show M

Tise and VM .

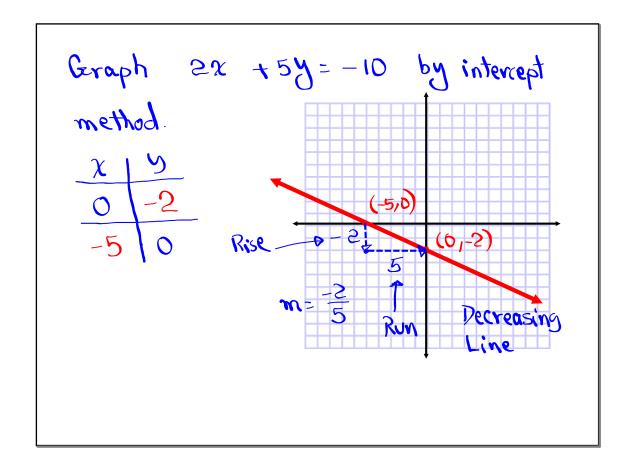
4) Sind $A(A,B) = \sqrt{(x_1-x_2)^2 + (y_1-y_2)^2}$

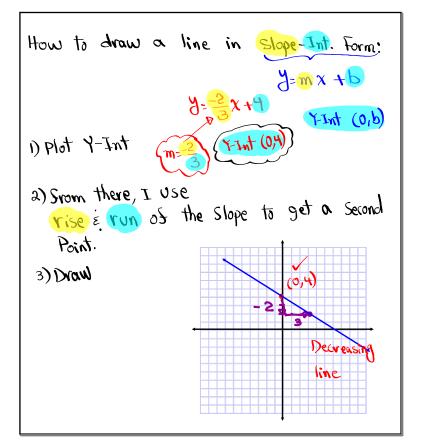
$$= \sqrt{(-4-8)^2 + (2-10)^2} = \sqrt{(-42)^2 + (-8)^2}$$

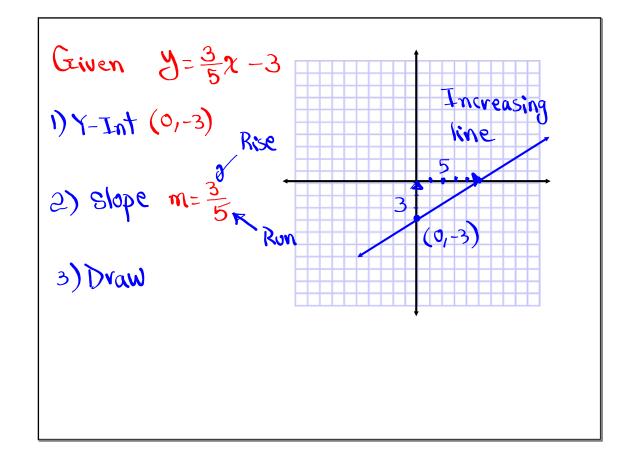
$$= \sqrt{14.4}$$

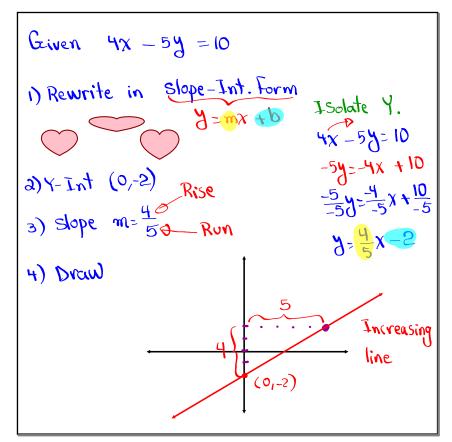


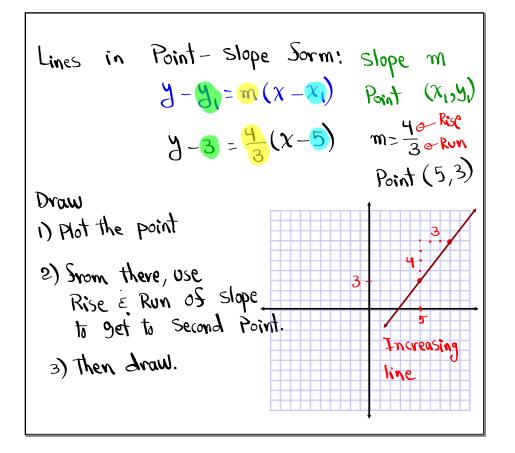
How to draw a line in Standard Form: Ax + By = C 3x - 4y = 12Do intercept method: $\frac{x + y}{0 + 3} = 3(0) - 4y = 12 - 4y = 12 - 4y = 12$ 4 + 0 = 3x - 4(0) = 12 - 3x = 12 - 2x = 4 3x - 4(0) = 12 - 3x = 12 - 2x = 4 4x + By = C 3x - 4y = 12 3x - 4y

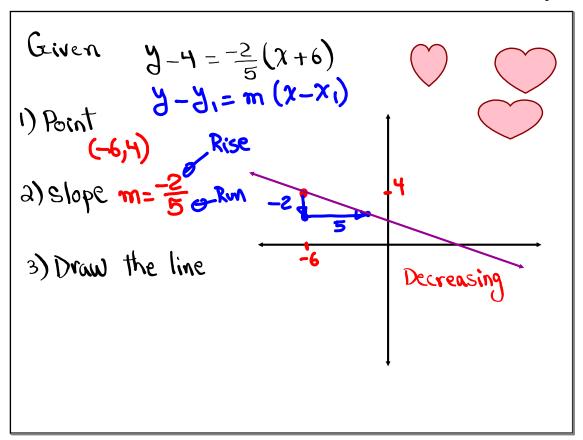


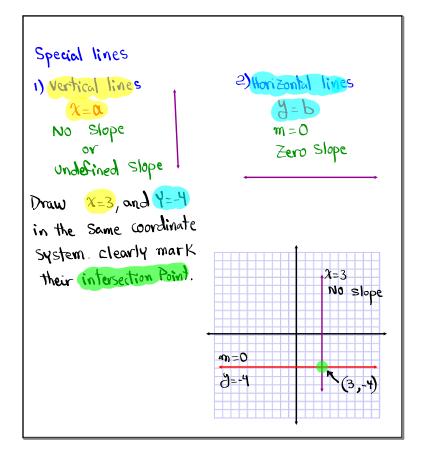


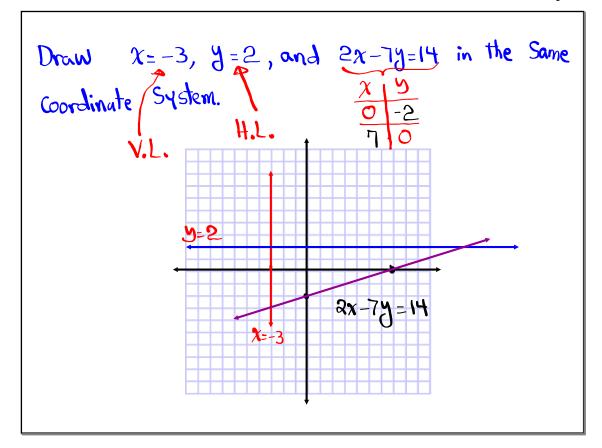


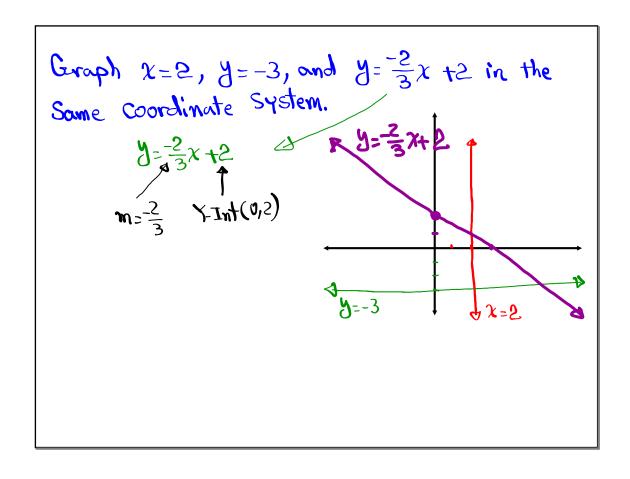


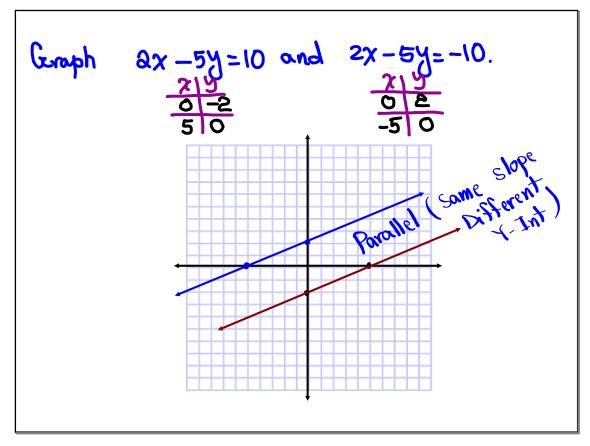


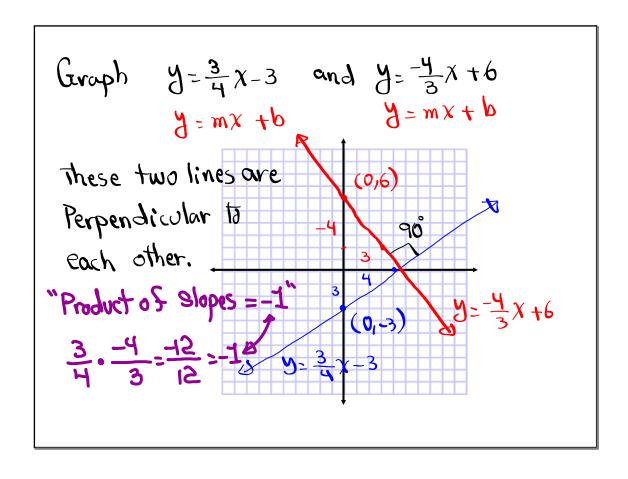












Geraph
$$y+3=\frac{2}{3}(x+2)$$

Point-slope
$$y-y_1=m(x-x_1)$$

Point (-2_1-3)

Slope $m=\frac{2}{3}$

Draw

Algebra Review

Solve:
$$2(x+8)-10=x+6$$
 $2x+16-10=x+6$
 $2x+6=x+6$
 $2x-x=6-6$
 $x=0$

Solution

Solution

Simplify:
$$\frac{(\chi^{6})^{4} \cdot \chi^{3}}{(\chi^{5})^{5}} = \frac{\chi^{24} \cdot \chi^{3}}{\chi^{25}} = \frac{(\chi^{m})^{n} \cdot \chi^{m} \cdot \chi^{m}}{\chi^{m} \cdot \chi^{n} \cdot \chi^{m} \cdot \chi$$

Solve
$$\varepsilon$$
 graph

1<3 χ -2 \leq 10

1+2 < 3 χ >2+2 \leq 10+2

3<3 χ \leq 12

\frac{3}{3}<\chi<\frac{12}{3}\quad \tau \leq \frac{12}{3}\quad \tau \leq \frac{12}{3}\quad

Foil & then Simplify
$$(2x-3)(3x+2)+5x$$

$$= 6x^2 + 4x + 9x - 6 + 5x$$

$$= 6x^2 - 6$$

Chass
$$Q \ge 2$$
Graph $5\chi - 4y = -20$ by intercept method.

 $\begin{array}{c|c} \chi \mid V \\ \hline 0 \mid 5 \\ \hline -4 \mid 0 \end{array}$
 $\begin{array}{c|c} (-4,0) \end{array}$