

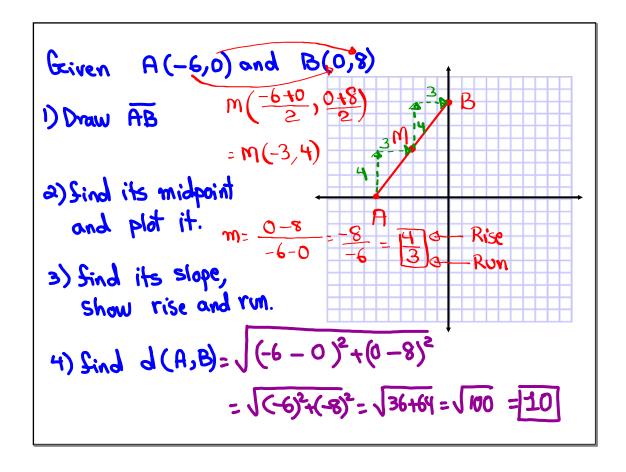
Consider 
$$A(2,4)$$
 and  $B(8,10)$ 

1) Draw  $\overline{AB}$   $M(\frac{2+8}{2},\frac{4+10}{2})$   $\overline{BB}$ 

2) Sind its midpoint.

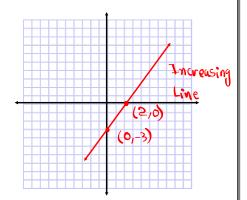
3) find its slope  $m = \frac{10-4}{8-2} + \frac{4+10}{9-6} = \frac{1}{10}$ 

4) Sind  $A(A,B) = \frac{10-4}{8-2} + \frac{4+10}{9-6} = \frac{1}{10}$ 
 $A(A,B) = \sqrt{(A-8)^2 + (4-10)^2} = \frac{1}{10}$ 
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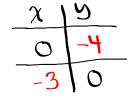


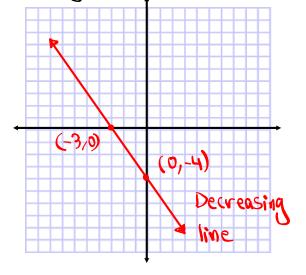
Equation of a line in standard form 
$$Ax + By = C$$

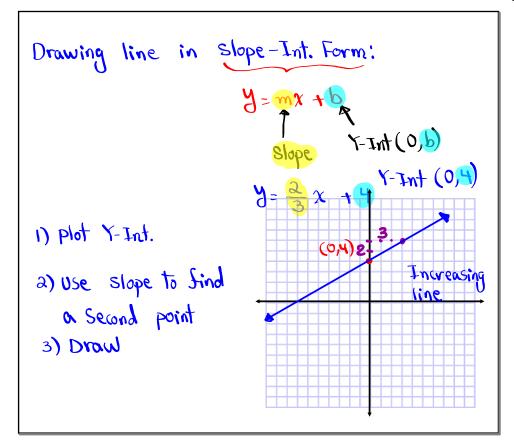
Draw by intercept method:

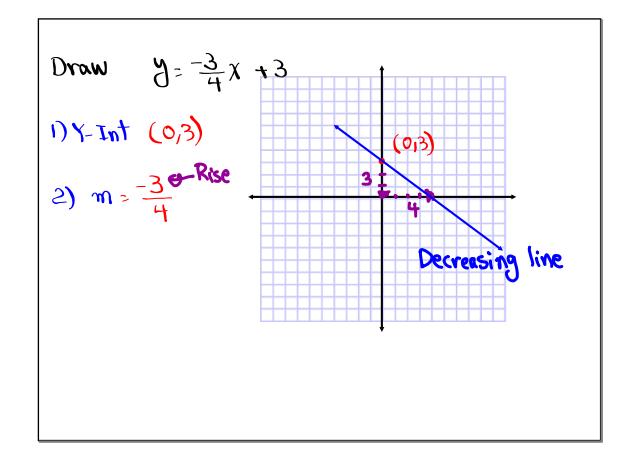


Draw 4x + 3y = -12 by intercept method:









Class Q? 2

Solve and graph  $2x + 10 \ge 5x - 5$   $2x - 5x \ge -5 - 10$   $-3x \ge -15$   $\frac{-3}{-3}x \le \frac{-15}{-3}$