


Friday the 13th



④ $y = -\frac{8x}{3} + \frac{11}{3}$

$8x + 3y = 11$

$y = 3x + 5$

$-3x + y = 5$

$3x - y = -5$

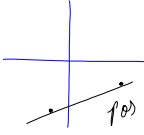
Feb 13-10:52 AM

$x = 5$

$y = 2$

Feb 13-11:21 AM

$(-3, -7)$ & $(8, -5)$



$m = \frac{(-5) - (-7)}{(8) - (-3)}$

$= \frac{-5 + 7}{8 + 3} = \frac{2}{11}$

$-7 = \left[\frac{2}{11} \cdot -3\right] + b$

$-7 = -\frac{6}{11} + b$

$-\frac{7}{1} + \frac{6}{11} = b$

$\frac{-77 + 6}{11} = b$

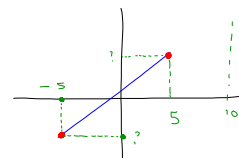
$-\frac{71}{11} = b$

$y = \frac{2}{11}x - \frac{71}{11}$

$11y = 2x - 71$

$2x - 11y = 71$

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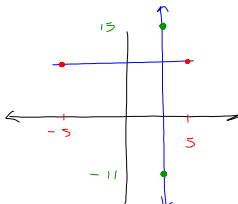


① $\{x \geq -5\}$

② $\{x \leq 5\}$

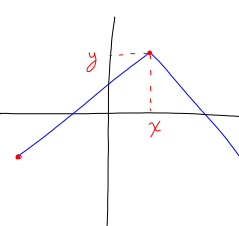
$\{-5 \leq x \leq 5\}$

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$\{-11 \leq y \leq 15\}$

Feb 13-11:41 AM



Feb 13-11:43 AM

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