Friday the 13th

(4) $y = -\frac{8}{3}x - \frac{9}{3}$

$8x + 3y = -9$

Feb 13-9:53 AM

$3x - 5y = 15$

$-5y = -3x + 15$

$y = \frac{-3}{-5}x + \frac{15}{-5}$

$y = \frac{3}{5}x - 3$

D: [-7]

Feb 13-9:56 AM

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

Pos.

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

$-7 = \left[\frac{2}{11}\cdot\frac{-3}{1}\right] + b$

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

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

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

Fractions are our friends!

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

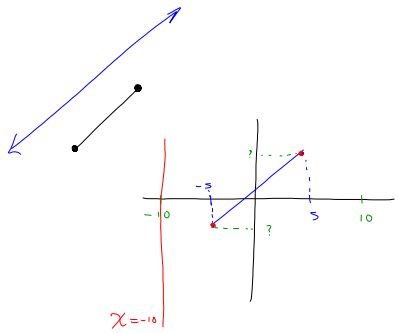
$y = \frac{2}{11}x - \frac{71}{11}$

$11y = 2x - 71$

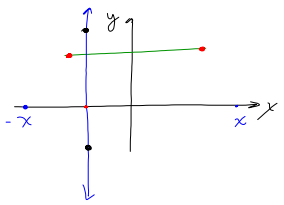
$-2x + 11y = -71$

$2x - 11y = 71$

Feb 13-10:22 AM



Feb 13-10:26 AM



Feb 13-10:42 AM

Create a Desmos acct

&

go through the "help"

Feb 13-10:44 AM