Quiz retake extended to tomorrow due to senior meeting

Today..how do I multiply binomials?

Worksheet

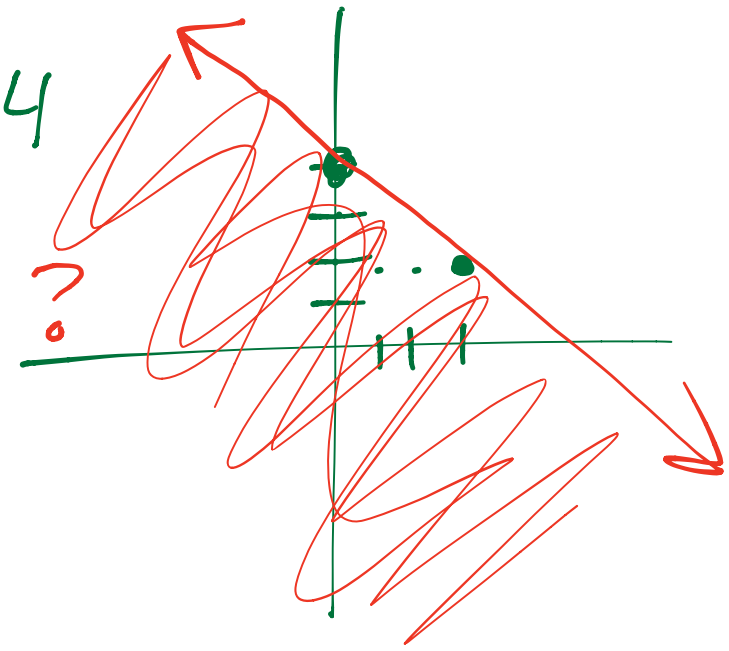
$y \leq \frac{-2}{3}x + 4$ Graph

$2x - 5y > 10$

$y \leq -\frac{2}{3}x + 4$

$0 \leq -\frac{2}{3} \cdot 0 + 4$?

Is $0 \leq 4$?



$2x - 5y > 10$

$-2x \qquad -2x$

$-5y > -2x + 10$

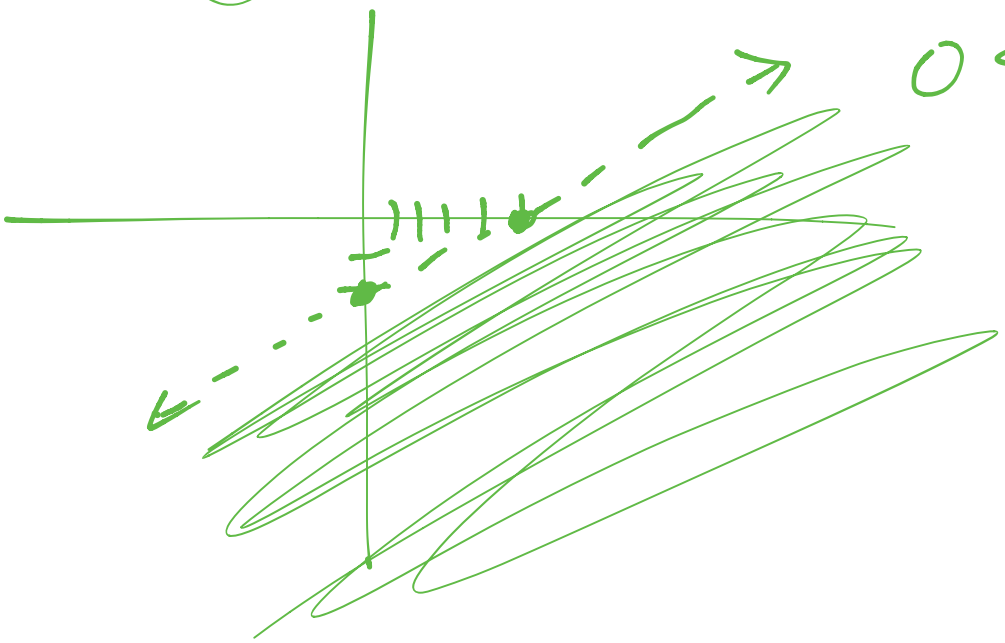
$\frac{-5y}{-5} > \frac{-2x}{-5} + \frac{10}{-5}$

$y < \frac{2}{5}x - 2$

Is $0 < \frac{2}{5} \cdot 0 - 2$?

$0 < -2$?

No!



Multiplying Binomials

① $(3x-5y)(2x+7y)$

$6x^2+21xy-10xy-35y^2$

$\boxed{6x^2+11xy-35y^2}$

② $(5x-4)^2$

$(5x-4)(5x-4)$

$25x^2-20x-20x+16$

$\boxed{25x^2-40x+16}$

③ $(x-4y)(x+4y)$

$x^2 + 4xy - 4yx - 16y^2$

like terms

$x^2 - 16y^2$

Multiply

① $(5x+3)(2x-7)$

② $(3x+2)^2$

③ $(7v-4y)(7v+4y)$