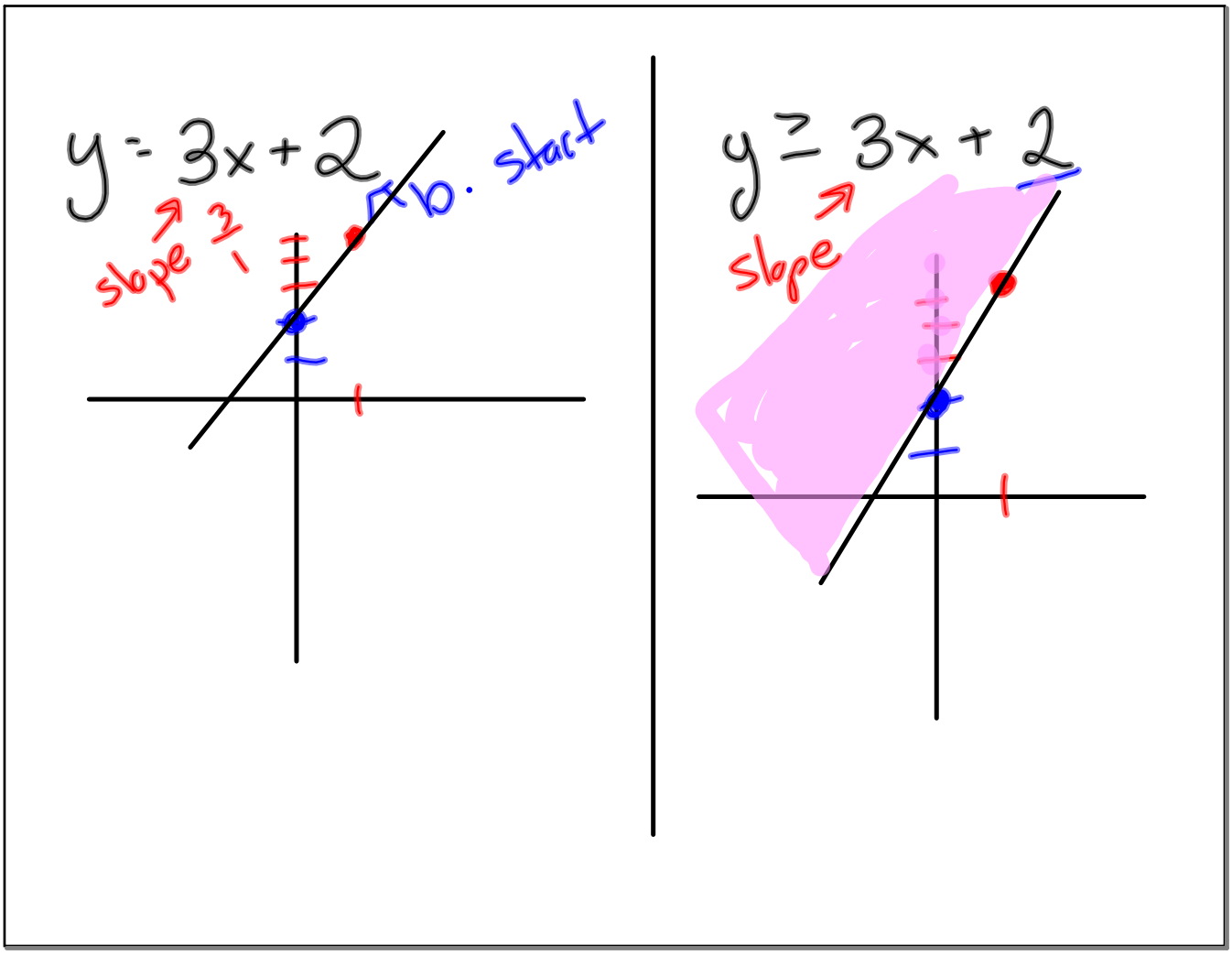
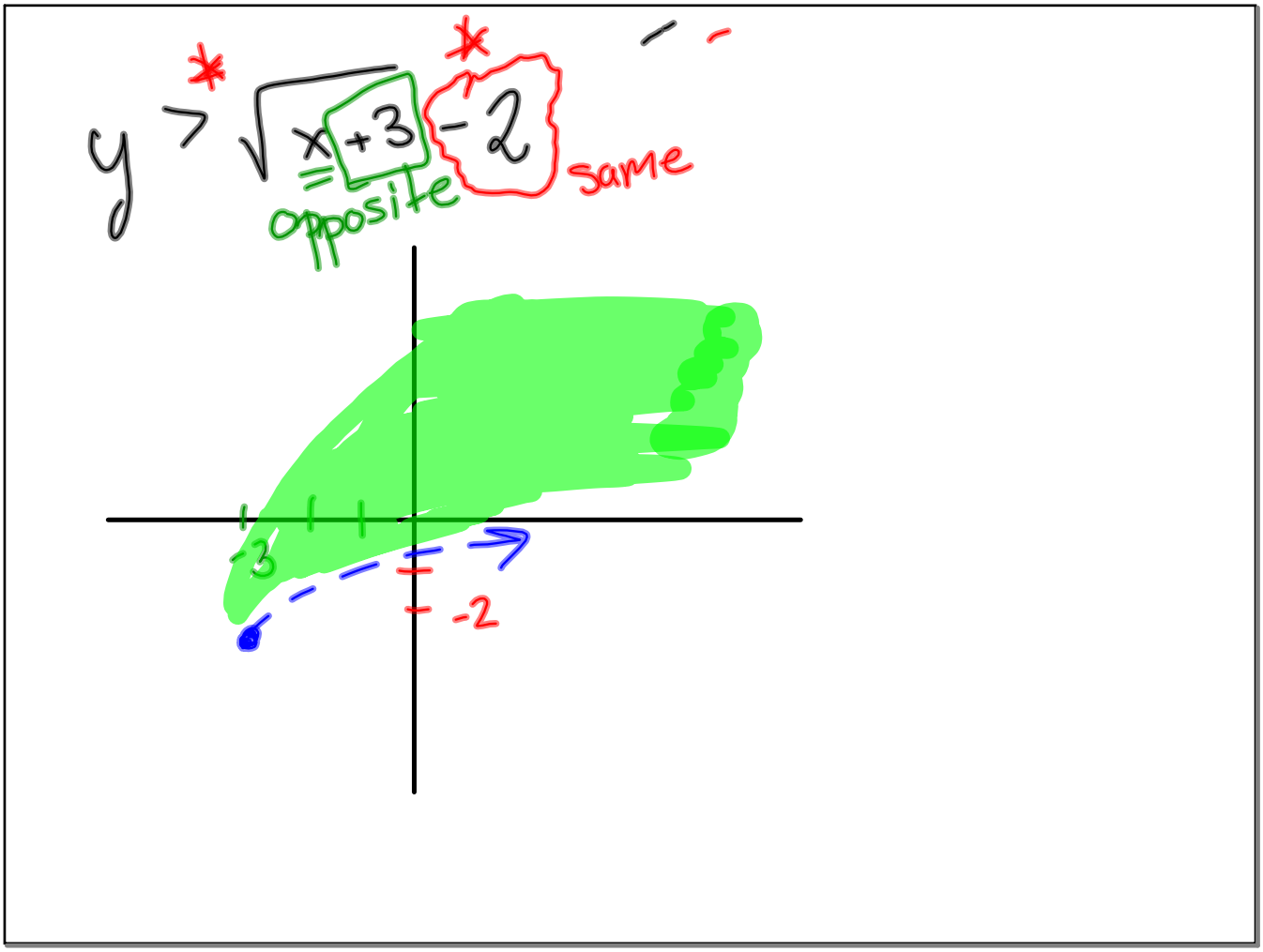
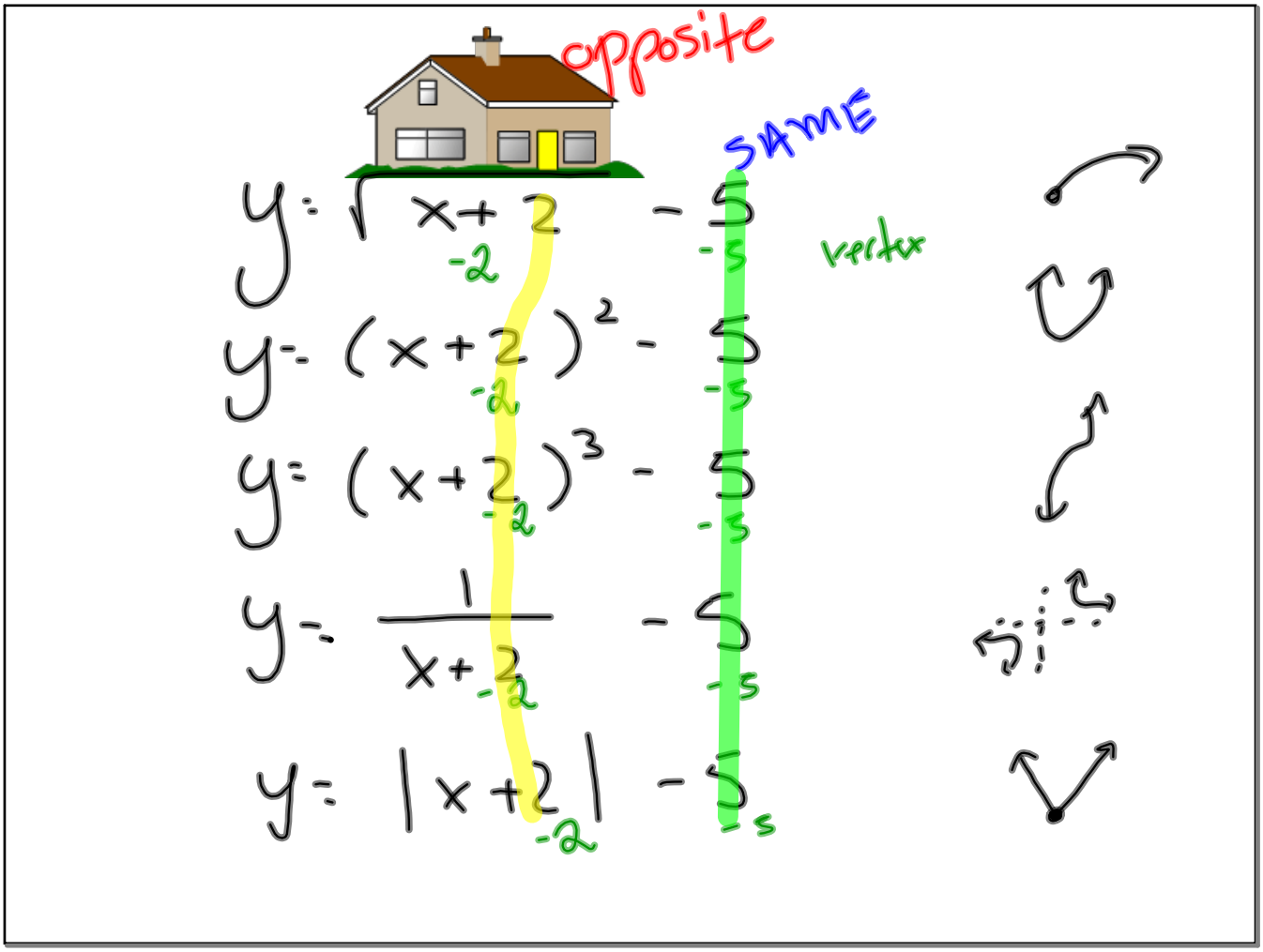
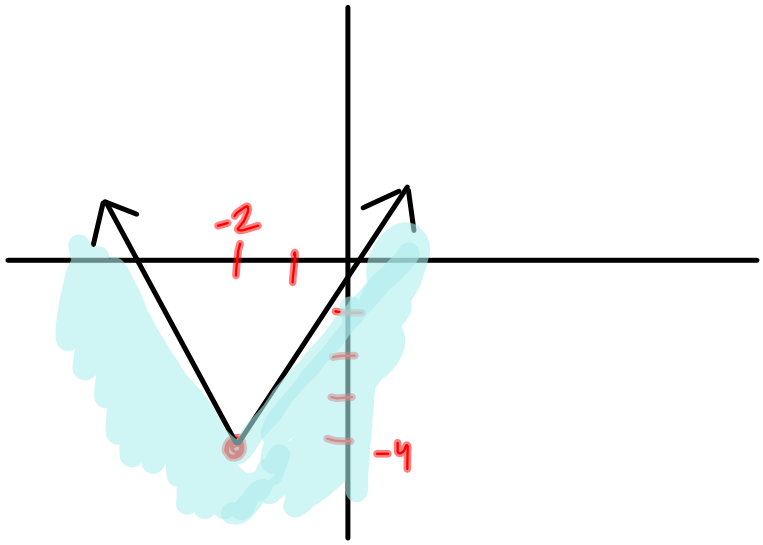

y = 3x + 2
slope 3
1
start
1
y ≥ 3x + 2
slope
1



Feb 15-9:34 AM


opposite
SAME
vertex
$y = \sqrt{x+2} - 5$
$y = (x+2)^2 - 5$
$y = (x+2)^3 - 5$
$y = \frac{1}{x+2} - 5$
$y = |x+2| - 5$
-2
-5

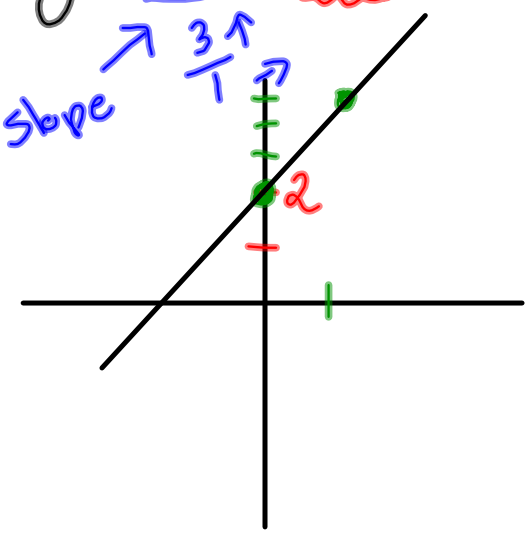
$y \leq |x+2| - 4$



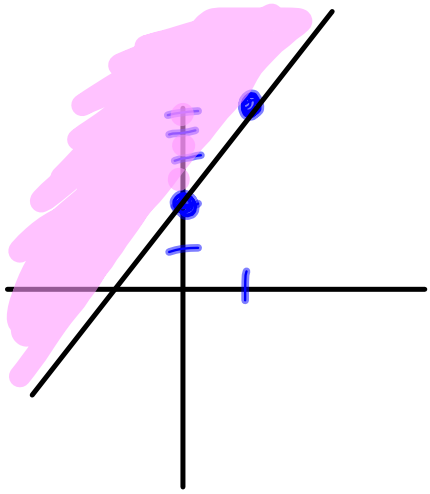
Feb 15-9:42 AM

$y = 3x + 2$ start here

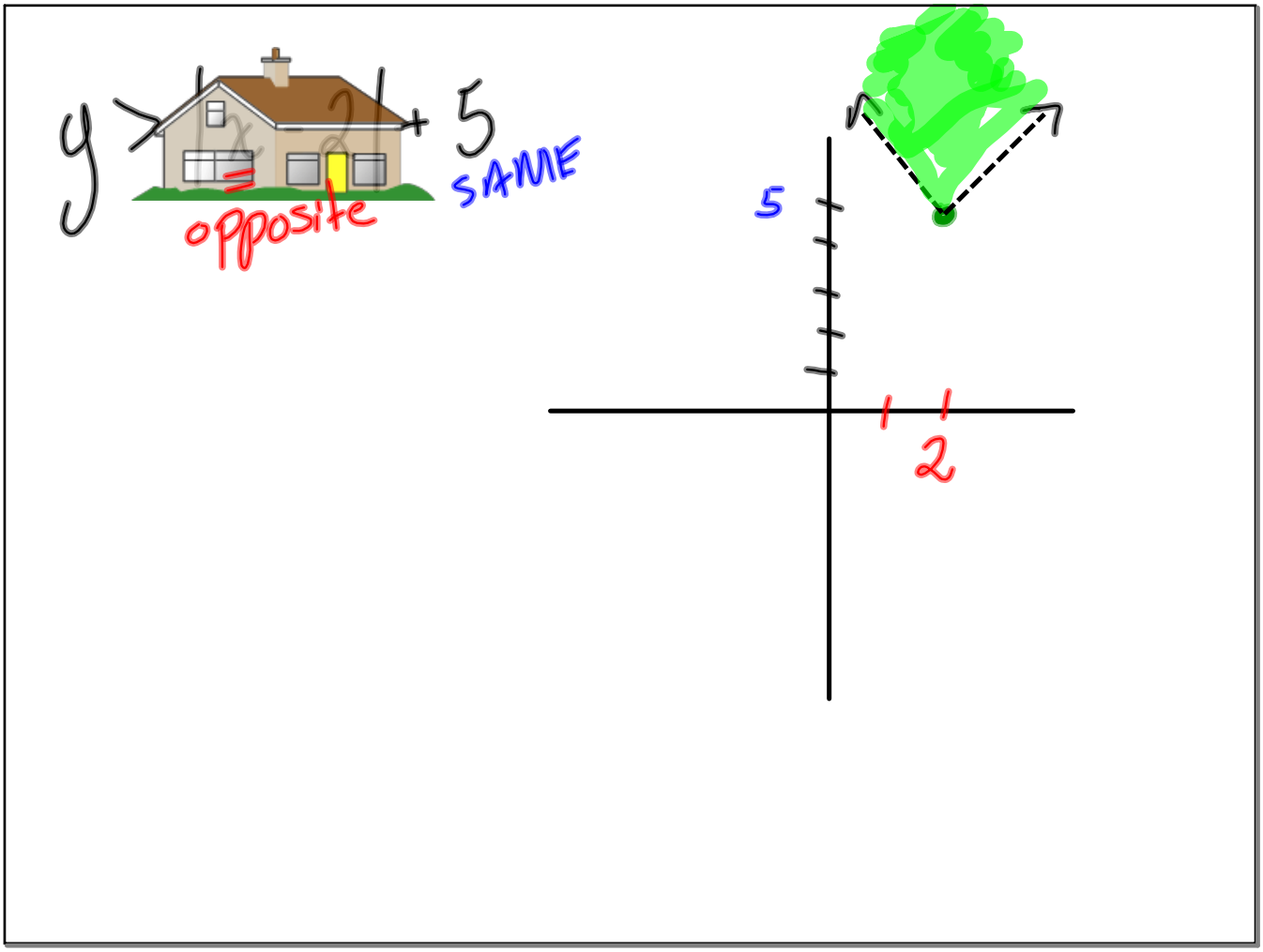
slope $\frac{3}{1}$



$y \geq 3x + 2$



Feb 15-10:15 AM


y > 1/2x + 5
=
opposite
SAME
5
1
1
2

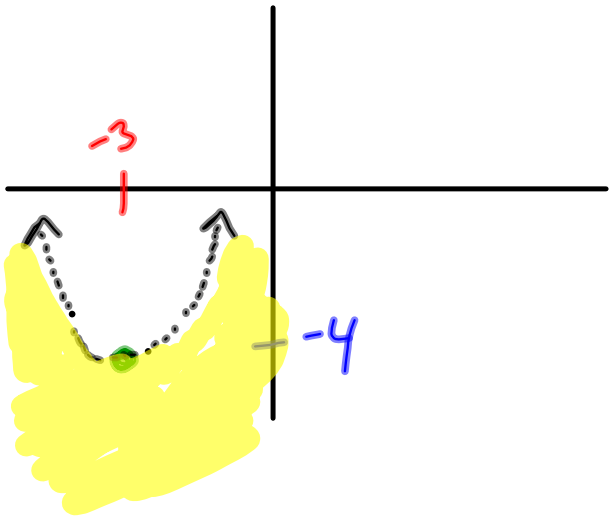
$y < (x+3)^2 - 4$

* x-axis
* y-axis

Shape ∪

= opposite SAME

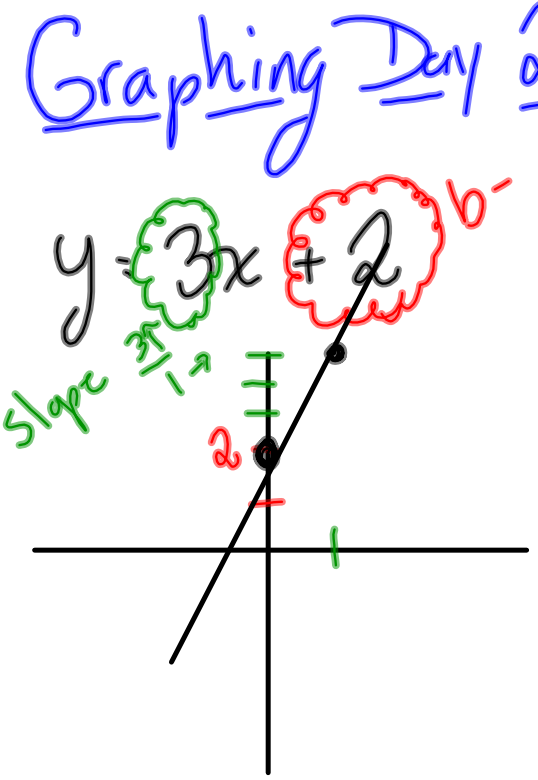
(-3 , -4) vertex



Graphing Day 2

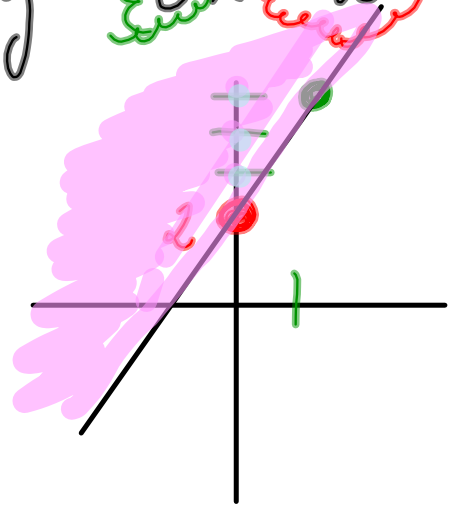
$y = 3x + 2$

slope $\frac{3}{1}$ b- y-int y-pt.



$y \geq 3x + 2$

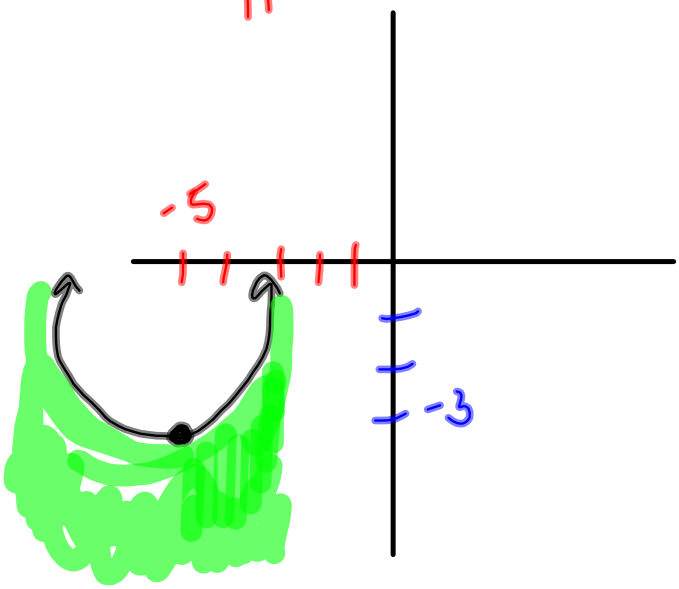
slope y-pt.



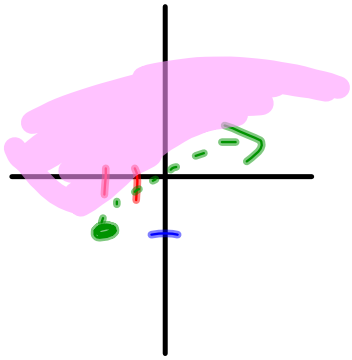
Feb 15-12:17 PM

$y \leq (x+5)^2 - 3$ SAME

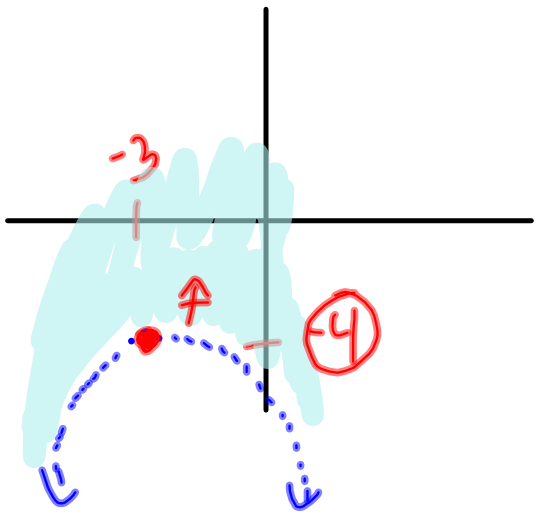
= opposite



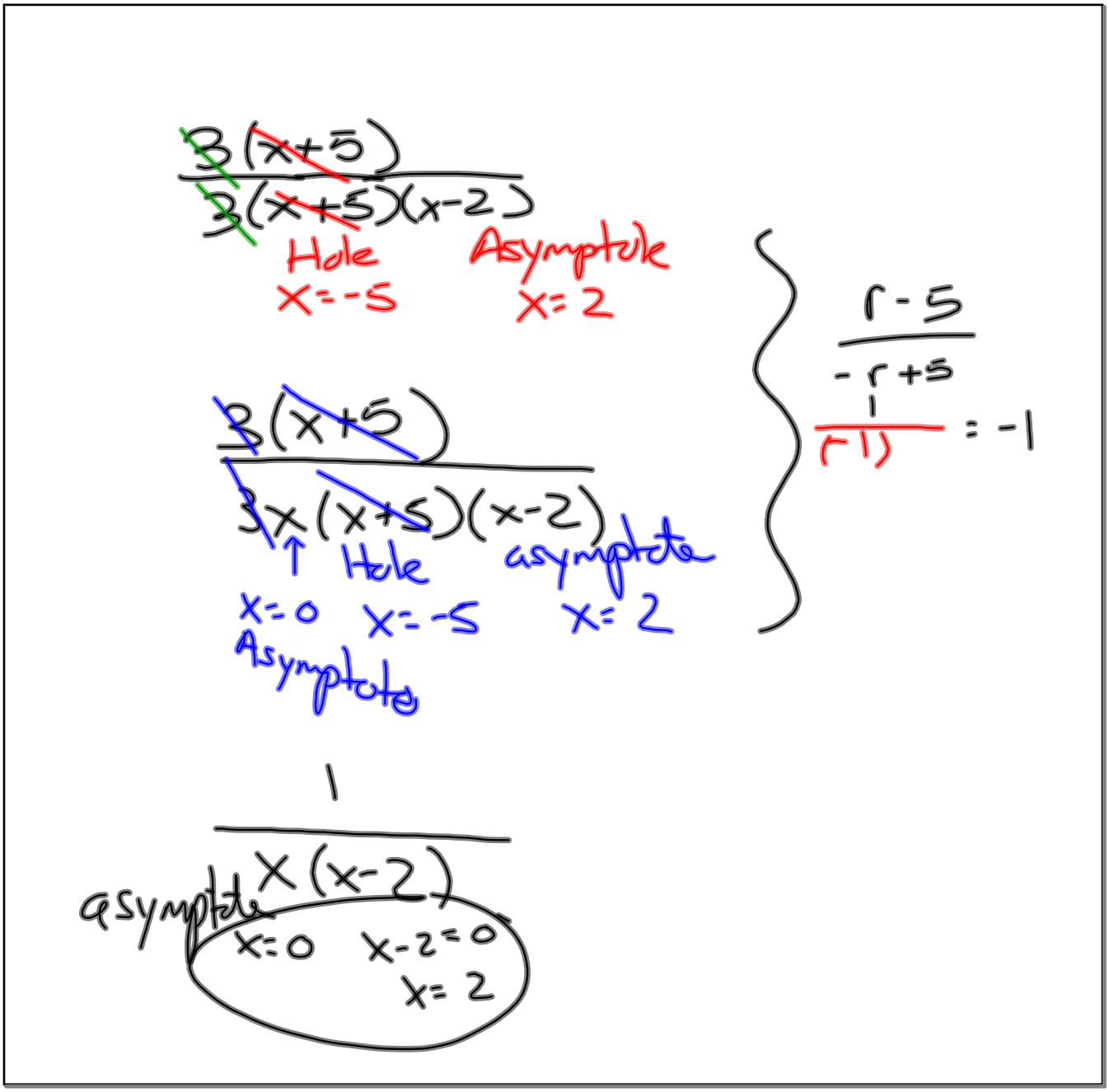
$y > \sqrt{x+2} - 1$



$y > -(x+3)^2 - 4$



Feb 15-12:32 PM


3(x+5)
3(x+5)(x-2)
Hole
x=-5
Asymptote
x=2
r-5
-r+5
1
r-1
=-1
3(x+5)
3x(x+5)(x-2)
Hole
x=-5
asymptote
x=2
x=0
Asymptote
1
x(x-2)
asymptote
x=0
x-2=0
x=2

3) $\dfrac{r-5}{5-r} \div \dfrac{r-3}{r^2-13r+30}$ $-(r-10)$; $\{5, 3, \cancel{10}\}$

$\dfrac{r-5}{-1(r-5)} \cdot \dfrac{r^2-13r+30}{r-3}$

$r^2-13r+30$

$-10 \cdot -3 = 30$

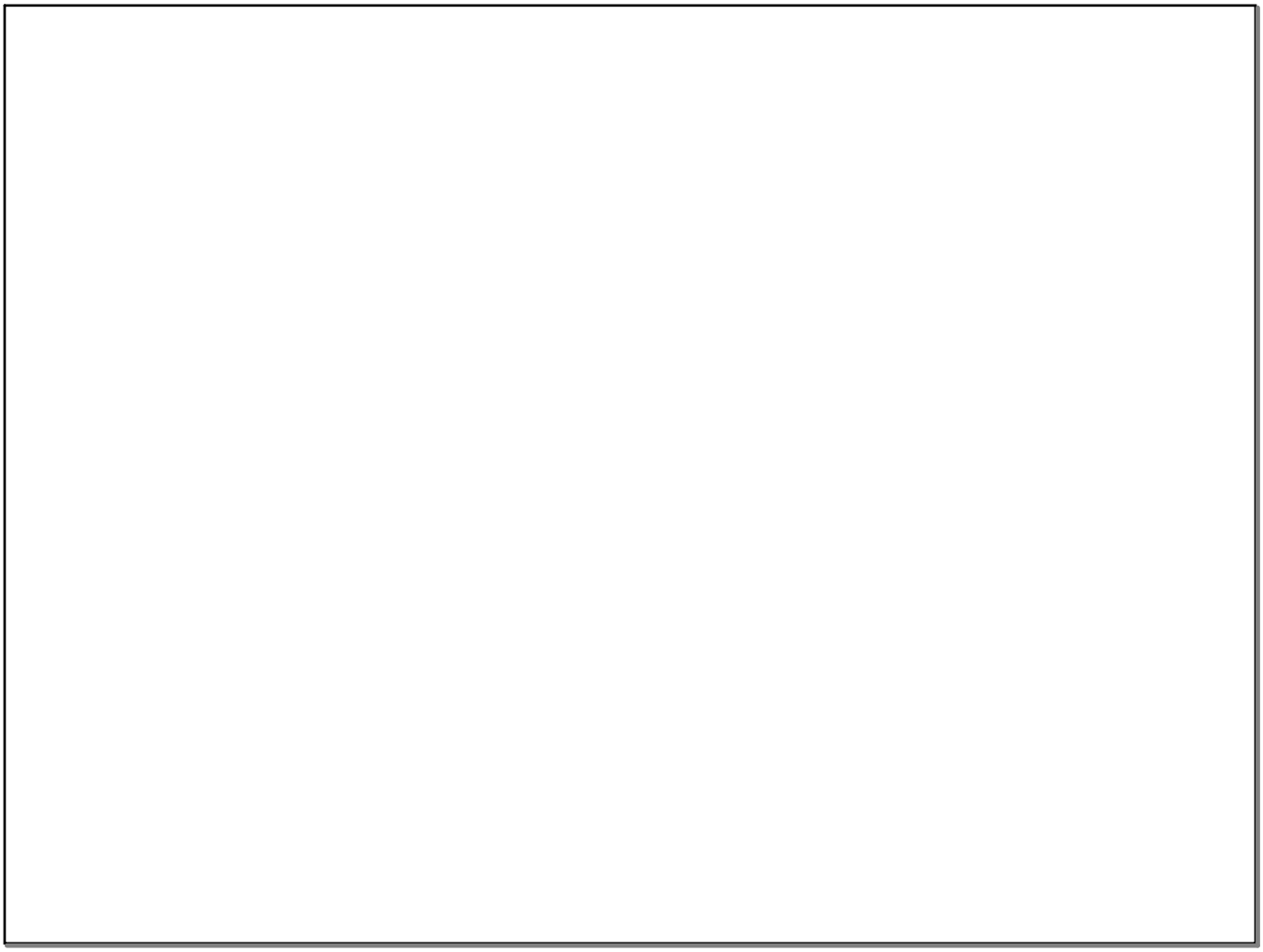
$-13 = -10 + -3$

$\dfrac{(r-5)(r-10)(r-3)}{-1(r-5)(r-3)} = \dfrac{r-10}{-1} = -\dfrac{r-10}{1}$

$= -r+10$

Hole $r-5=0$, $r=5$

Hole $r=3$



Feb 17-1:38 PM