1-9-14

Quiz tomorrow

① matrix multiplication of

$$\begin{cases} 2x+3y=1 \\ 5x-y=2 \end{cases}$$

$$\begin{bmatrix} 2 & 3 \\ 5 & -1 \end{bmatrix} \cdot \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 1 \\ 2 \end{bmatrix}$$

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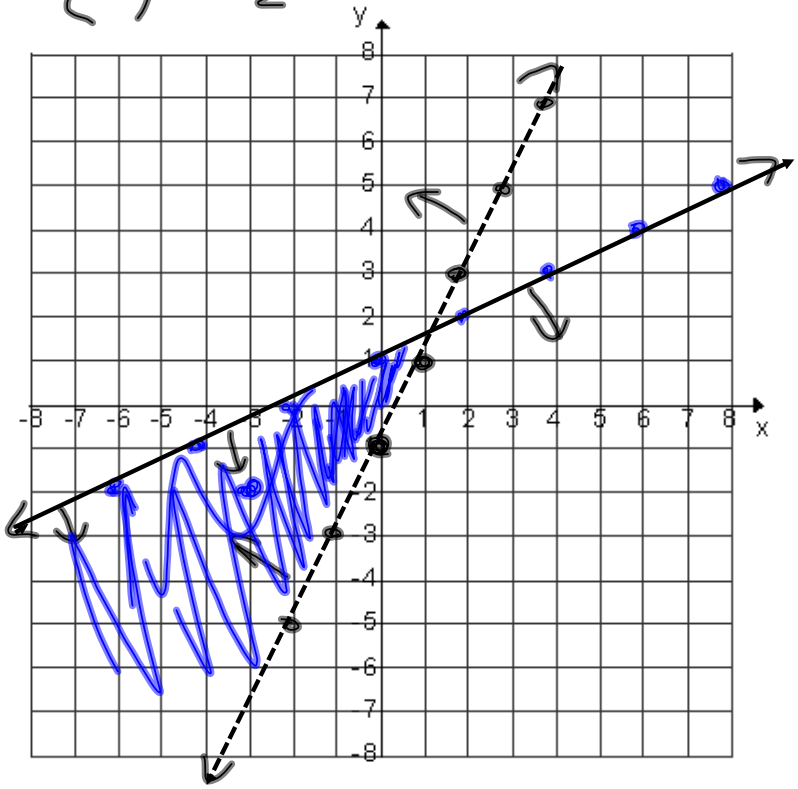
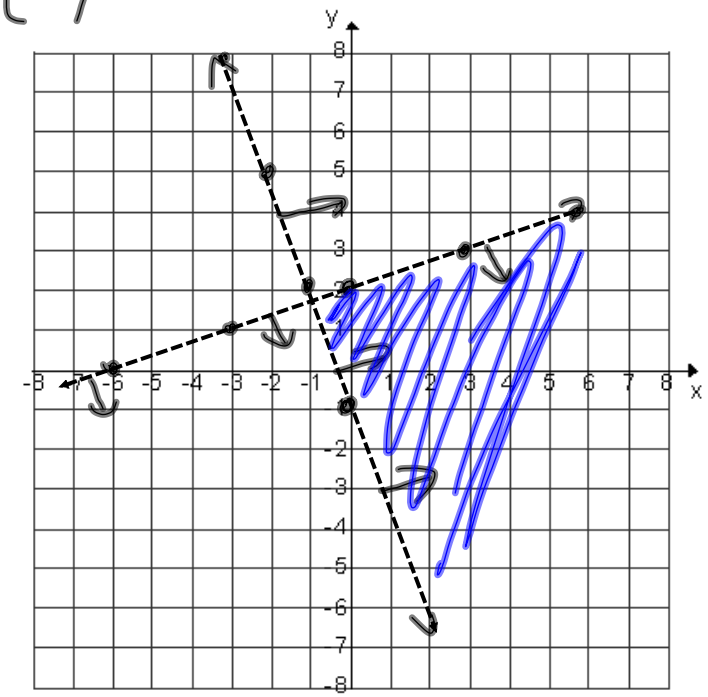
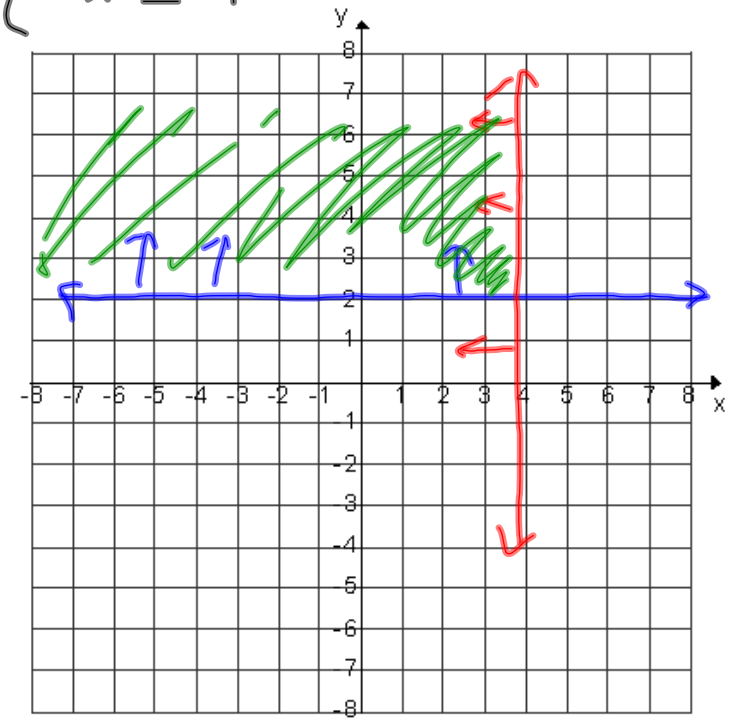
$$\begin{cases} y > 2x-1 \\ y \le \frac{1}{2}x+1 \end{cases}$$



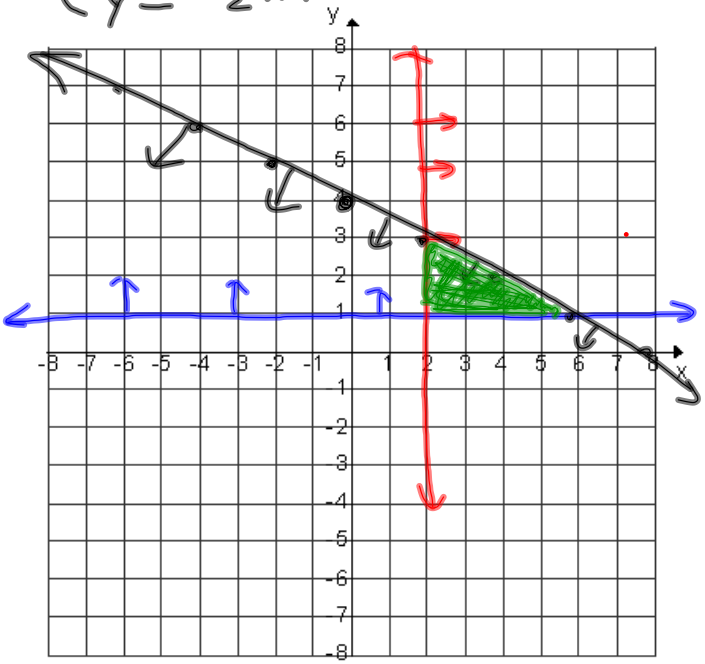
$$\begin{cases} y < \frac{1}{3}x + 2 \\ y > -3x - 1 \end{cases}$$

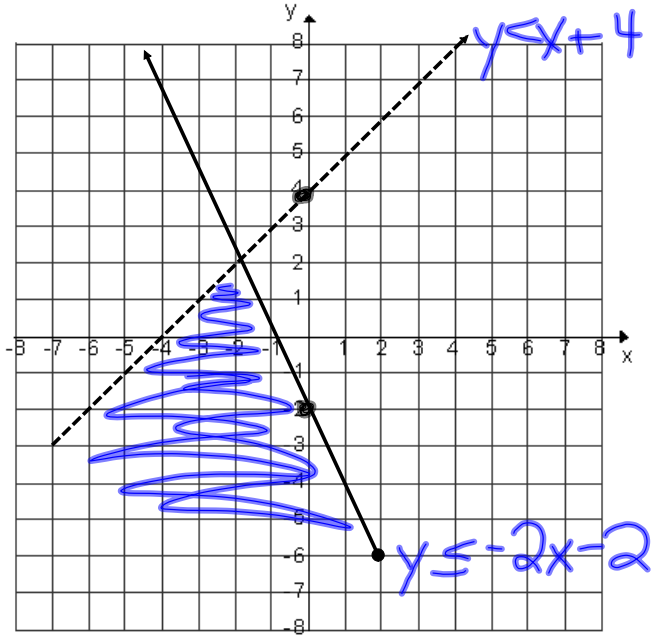



$$\begin{cases} y \geq 2 \\ x \leq 4 \end{cases}$$



$$\begin{cases} y \geq 1 \\ x \geq 2 \\ y \leq -\frac{1}{2}x + 4 \end{cases}$$




$$\begin{cases} y < x + 4 \\ y \leq -2x - 2 \end{cases}$$

1-9-14

4th Trig

Matrix quiz ?

Give matrix multiplication for

$$\begin{cases} 2x - y = 10 \\ x + 3y = 1 \end{cases}$$

$$\begin{bmatrix} 2 & -1 \\ 1 & 3 \end{bmatrix} \cdot \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 10 \\ 1 \end{bmatrix}$$

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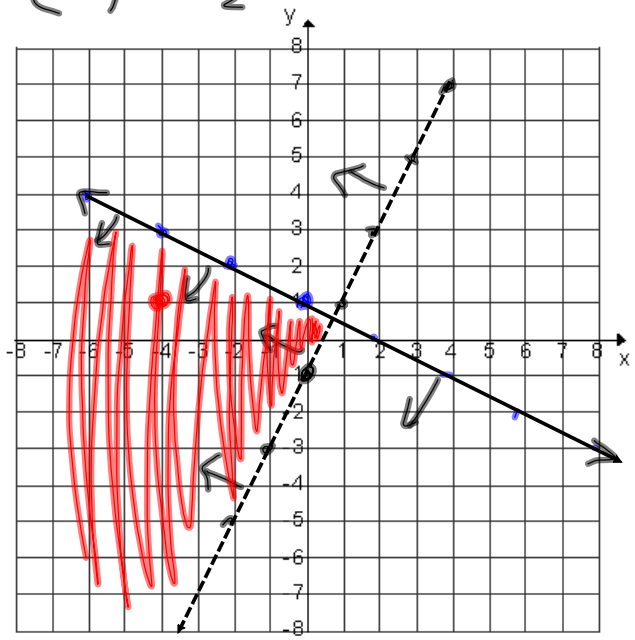
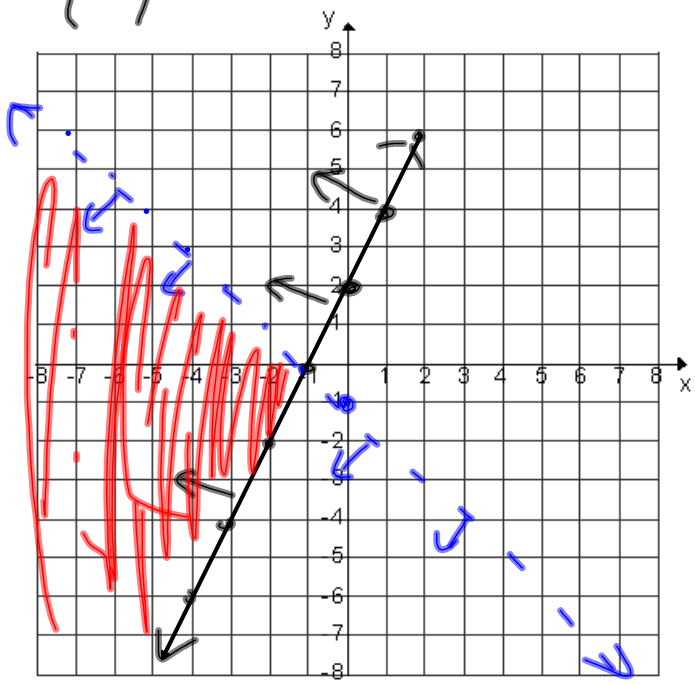
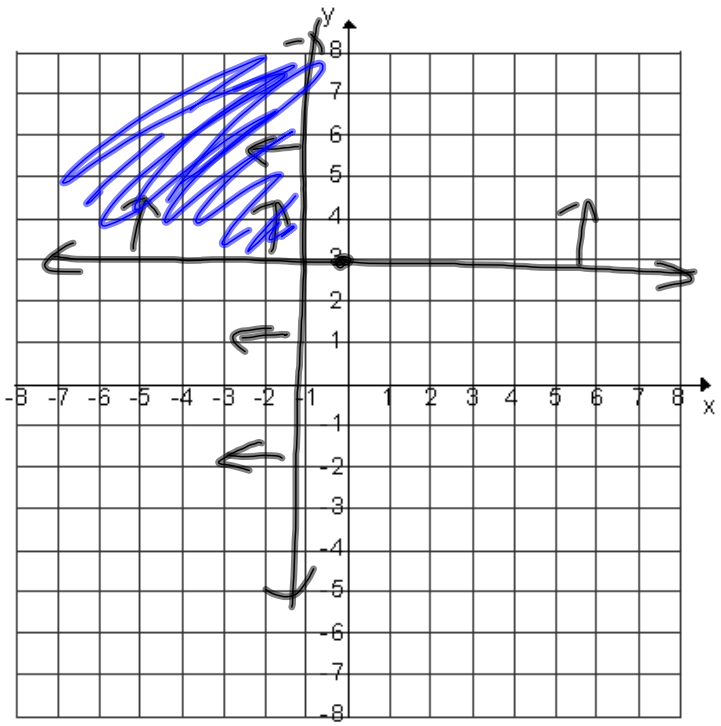
$$\begin{cases} y > 2x - 1 \\ y \leq -\frac{1}{2}x + 1 \end{cases}$$



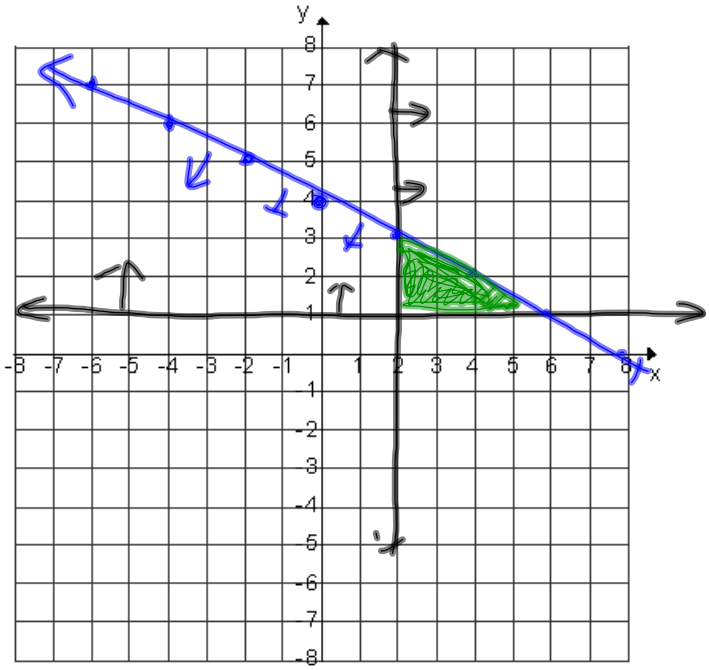
$$\begin{cases} y \geq 2x + 2 \\ y < -x - 1 \end{cases}$$



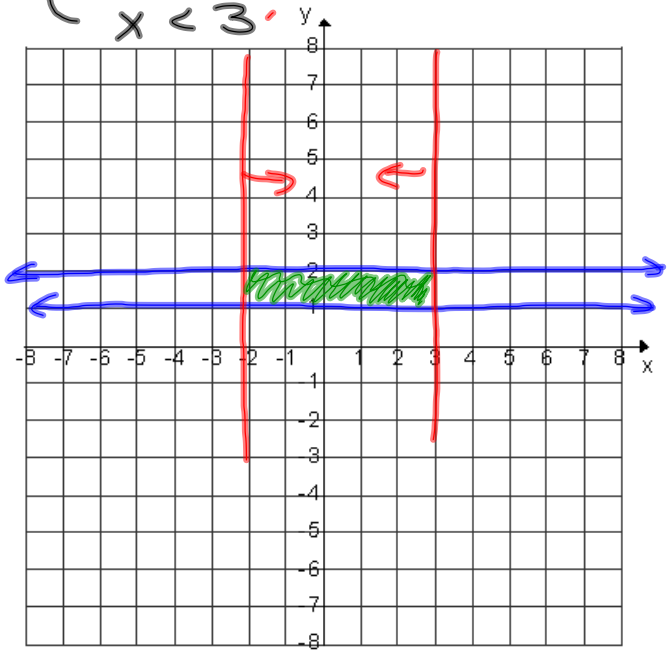

$$\begin{cases} y \geq 3 \\ x \leq -1 \end{cases}$$

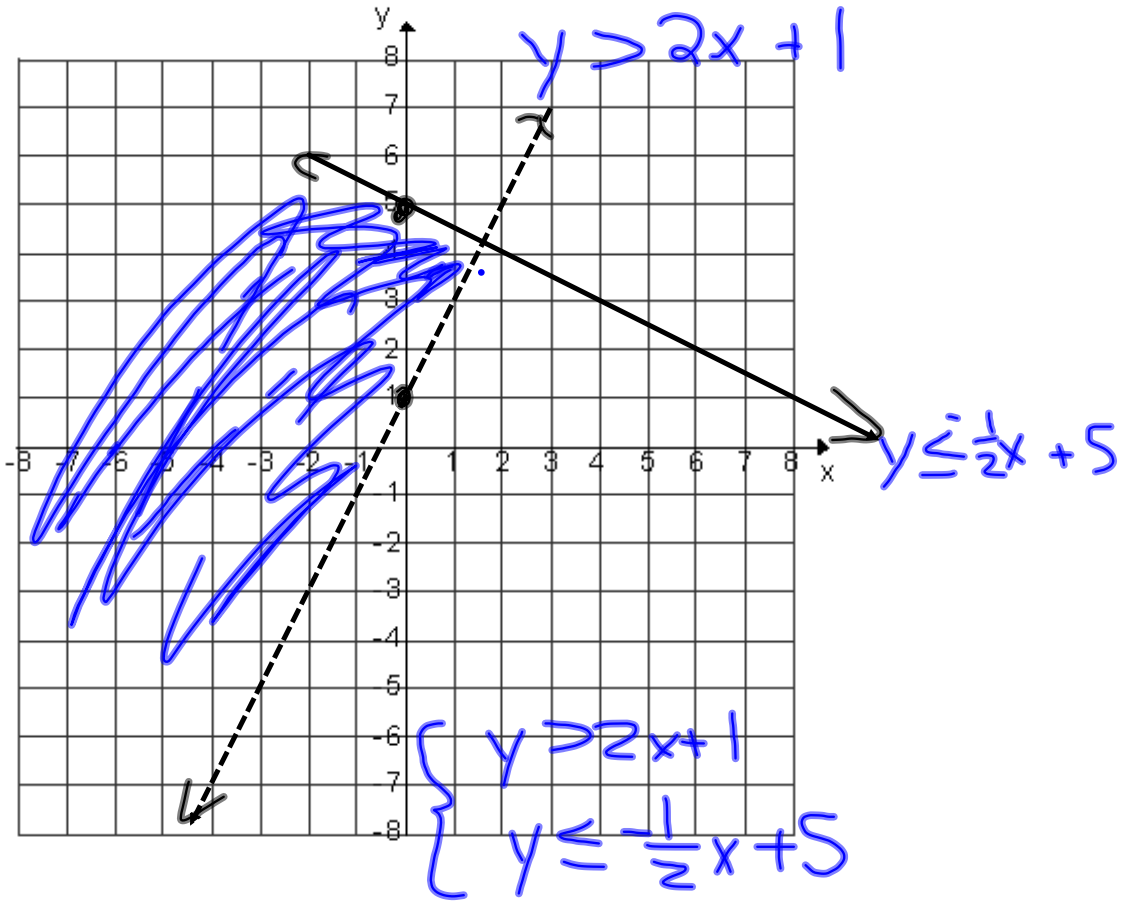


$$\begin{cases} y \geq 1 \\ x \geq 2 \\ y \leq -\frac{1}{2}x + 4 \end{cases}$$



$$\begin{cases} y < 2 \\ y > 1 \\ x > -2 \\ x < 3 \end{cases}$$




y
x
y > 2x + 1
y ≤ ½x + 5
{ y > 2x + 1
{ y ≤ -½x + 5