

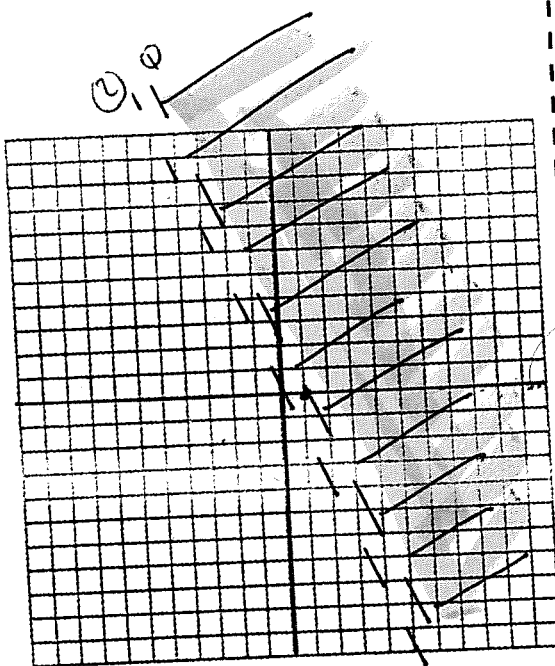
5076

~~Orange~~

c)  $5x + 2y > 6$   
 $10x + 4y > 4$   
 $10(5) + 4(6) > 4$   
 $70 > 4$

①  $\begin{array}{r|l} x & y \\ 0 & 3 \end{array}$

②  $\begin{array}{r|l} x & y \\ 0 & 1 \end{array}$



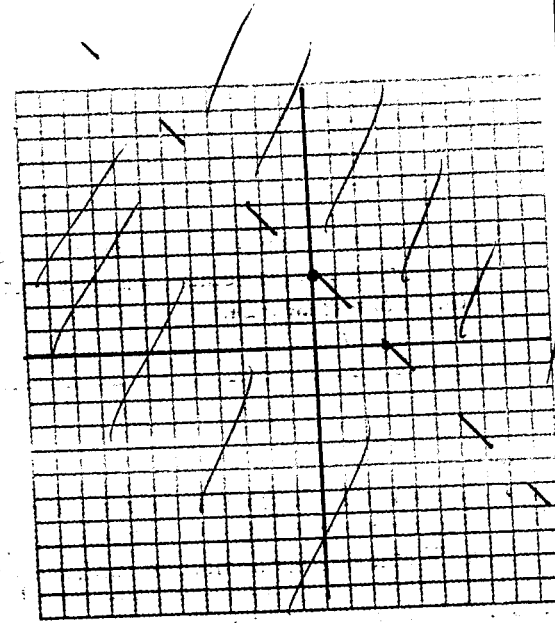
e)  $x + y > 3$   
 $x + y < 3$

①  $\begin{array}{r|l} x & y \\ 0 & 3 \end{array}$

②  $\begin{array}{r|l} x & y \\ 0 & 3 \end{array}$

done

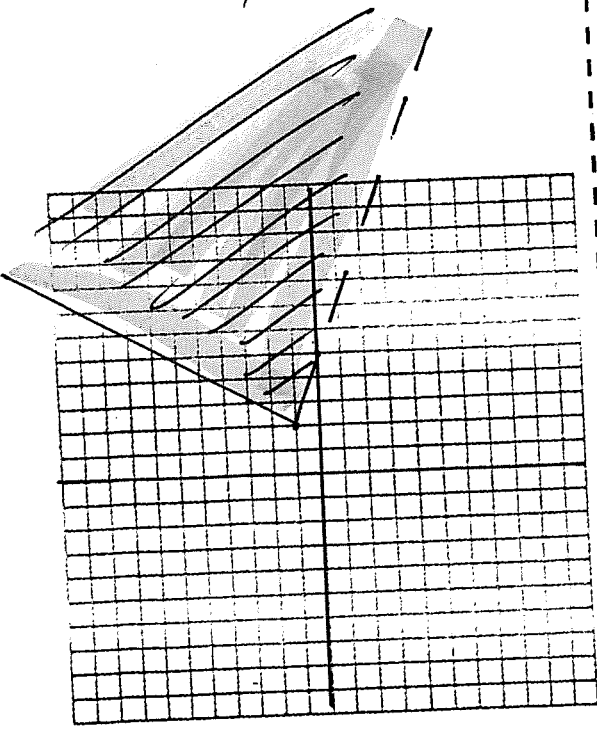
∅



d)  $3y - 8x > 16$   
 $2x + 4y \geq 5$

①  $\begin{array}{r|l} y & x \\ 0 & 5.3 \end{array}$

②  $\begin{array}{r|l} y & x \\ 0 & 1.25 \end{array}$



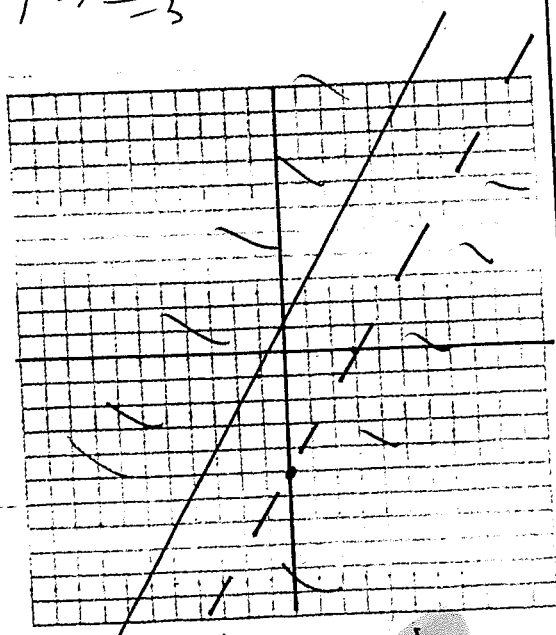
f)  $5x - 3y > 15$   
 $\frac{5}{3}x - y \leq -1$

①  $\begin{array}{r|l} y & x \\ 0 & -5 \end{array}$

②  $\begin{array}{r|l} y & x \\ 0 & 1 \end{array}$

$5x - 3y \leq -3$

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



done

∅

③