

Name: _____

Date _____

Topic : Graphing Systems of Inequalities - Worksheet 1

Solve the following:

— $y < 6x - 2$

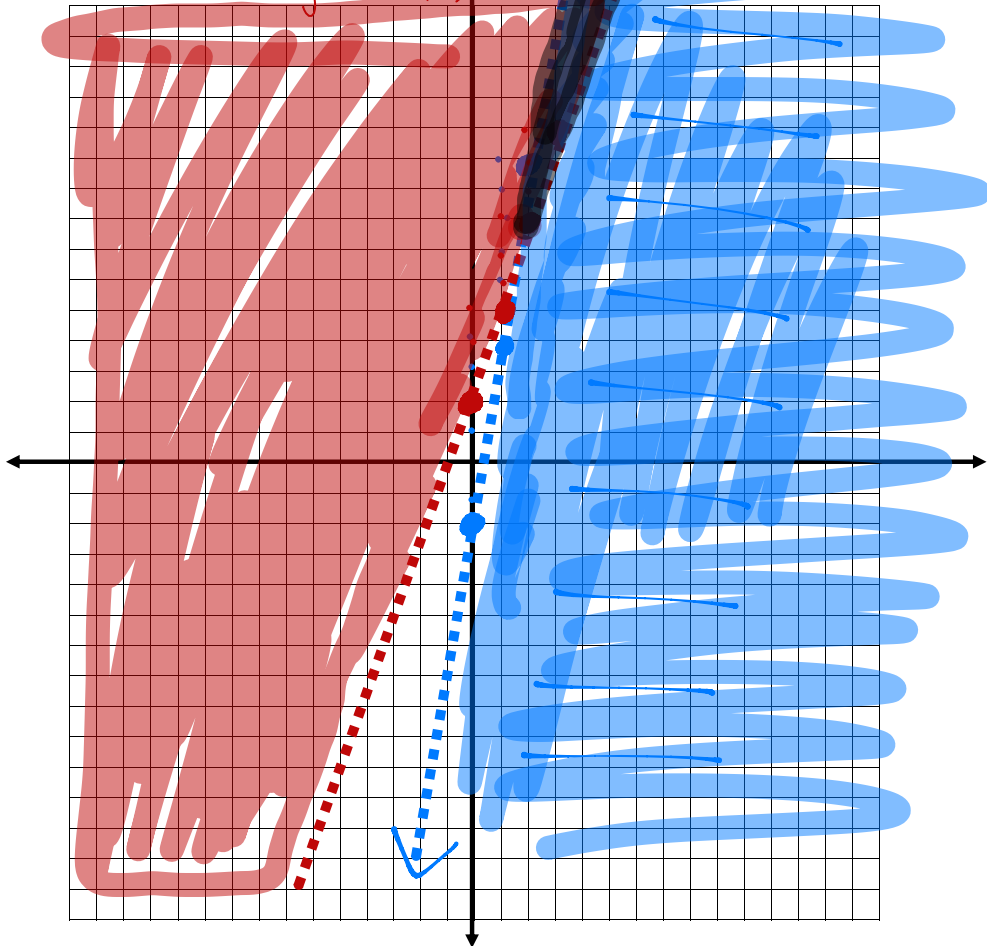
dash, below, slope: $\frac{6}{1}$

y-int: (0, -2)

— $y > 3x + 2$

dash, above slope $\frac{3}{1}$
y-int (0, 2)

→ answer



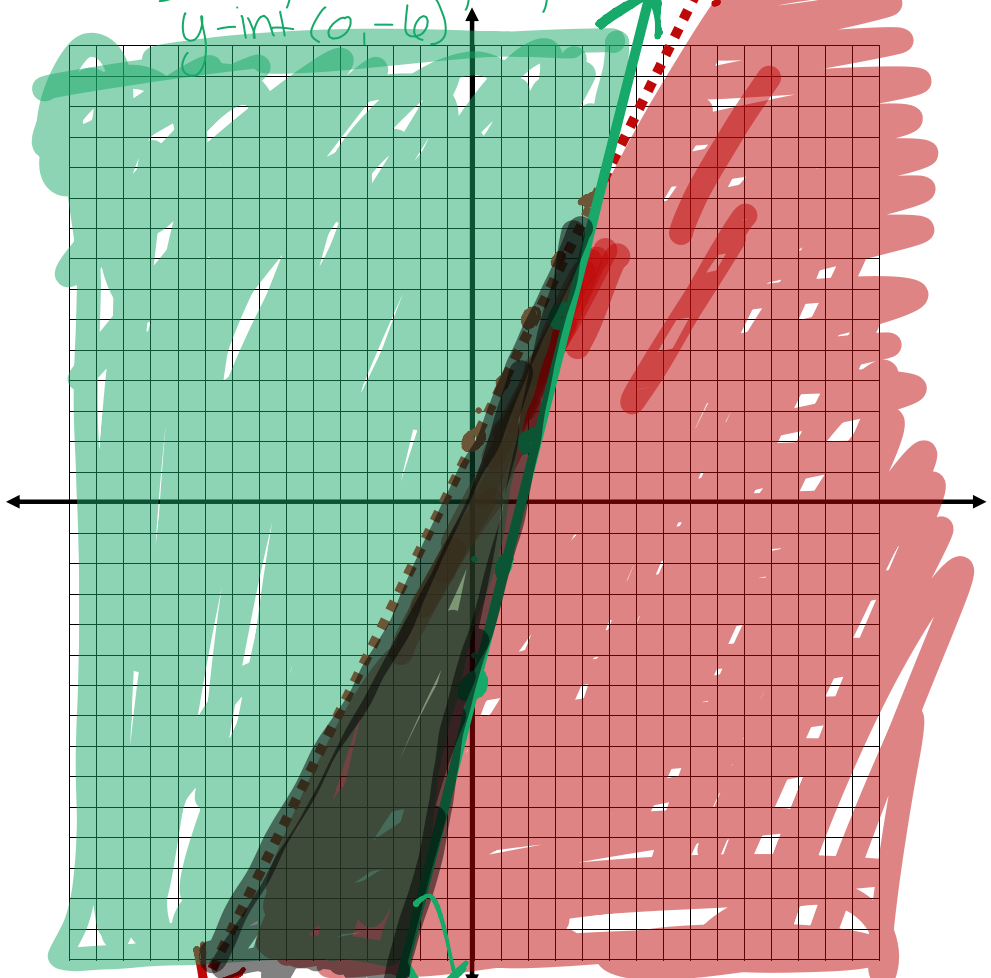
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Topic : Graphing Systems of Inequalities - Worksheet 2

Solve the following:

- $y < 2x + 2$ below, dash slope: $\frac{2}{1}$ y-int (0, 2)
- $y \geq 4x - 6$ solid, above, slope: 4 y-int (0, -6)



ANSWER



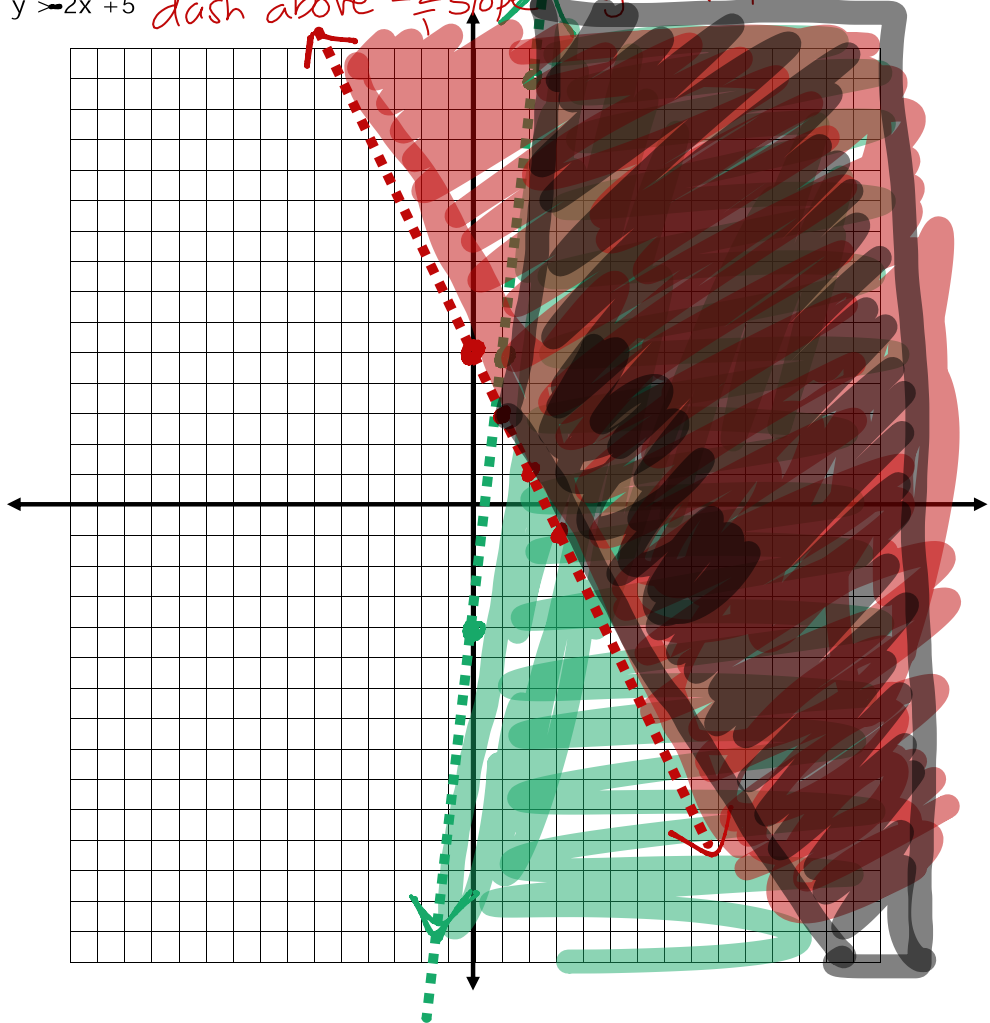
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Topic : Graphing Systems of Inequalities - Worksheet 3

Solve the following:

$y < 9x - 4$ dash below slope: $\frac{9}{1}$ y-int (0, -4)
 $y > 2x + 5$ dash above $-\frac{2}{1}$ slope y-int (0, 5)



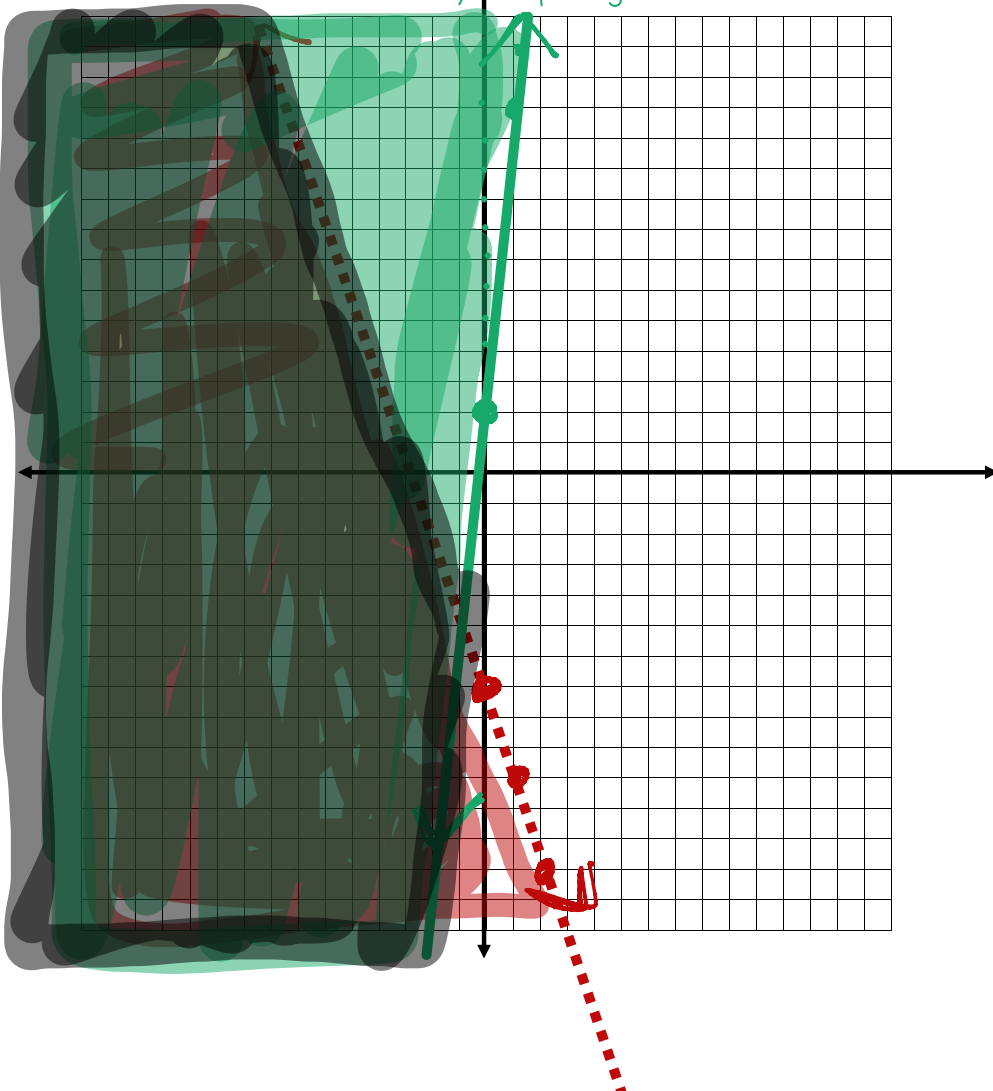
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Topic : Graphing Systems of Inequalities - Worksheet 4

Solve the following:

$y < -3x - 7$ below dash slope: $-\frac{3}{1}$ y-int: $(0, -7)$
 $-y \geq 10x + 2$ above solid slope: $\frac{10}{1}$ y-int: $(0, 2)$



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Topic : Graphing Systems of Inequalities - Worksheet 5

Solve the following:

$$y < 5x - 3$$

$$y > 15x + 7$$

