

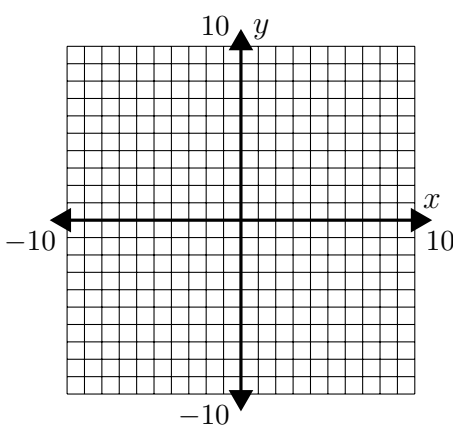
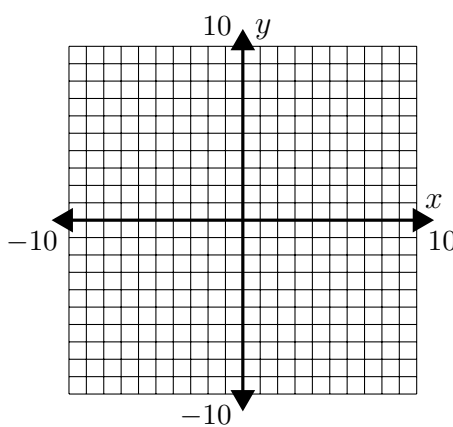
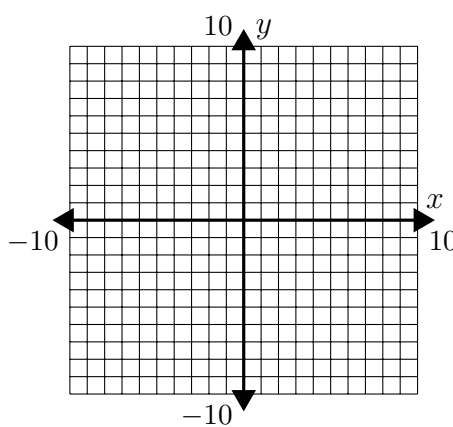
### Graphing 3 Review WS

For exercises 1-9, write each inequality in slope-intercept form, graph the line (or dashed line), and shade the appropriate region.

1.  $y \geq 7x + 4$

2.  $y > -3x + 7$

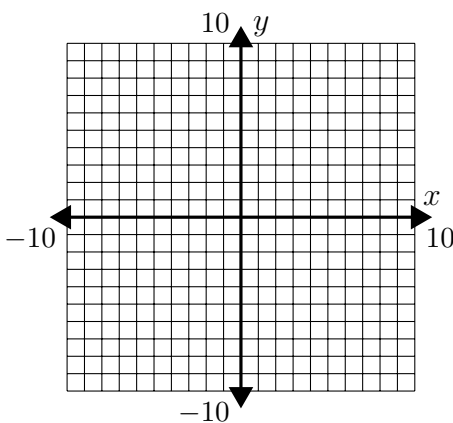
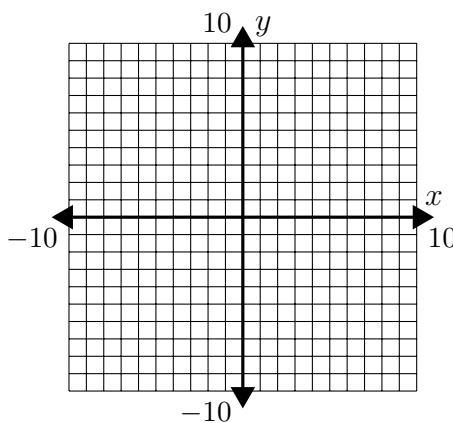
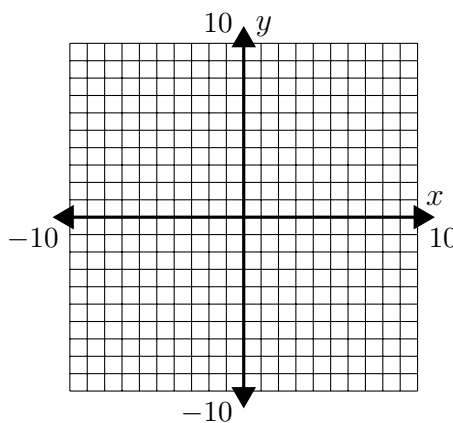
3.  $y \geq 2x + 5$



4.  $-10x + 8y \leq 56$

5.  $-3x - 10y \leq 70$

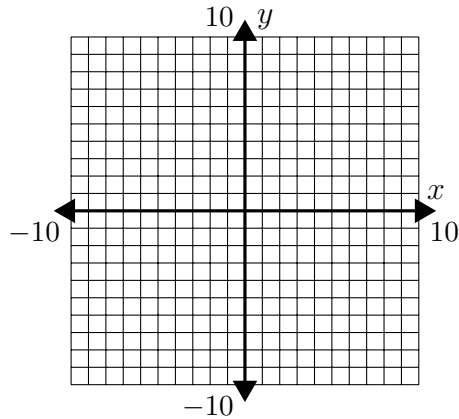
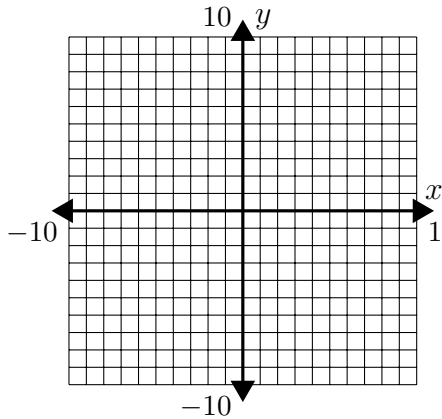
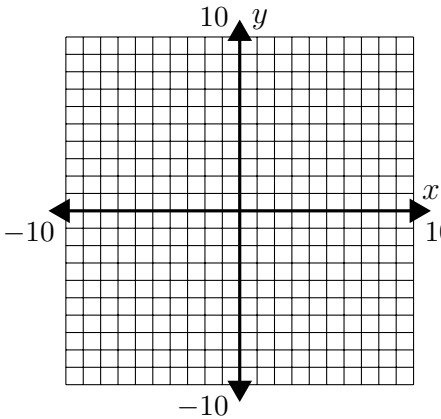
6.  $-8x - 3y > -24$



7.  $-4x + 4y \leq 36$

8.  $-4x - 3y \geq -27$

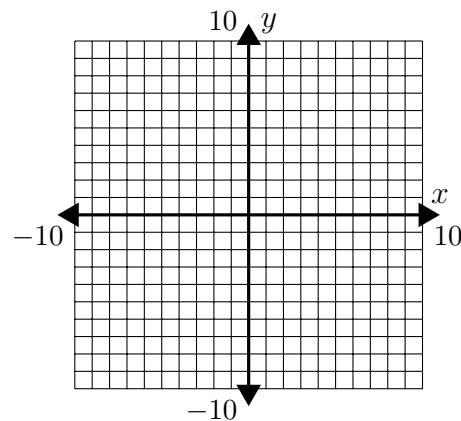
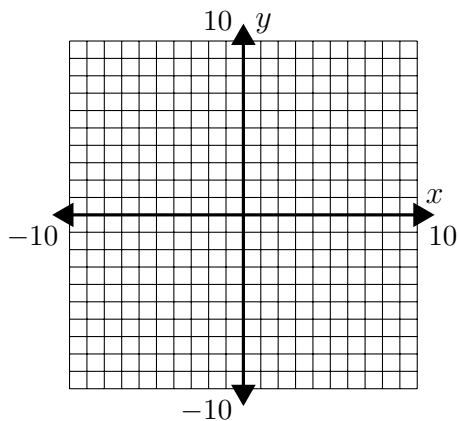
9.  $-10x - 2y > 0$



For exercises 10 and 11: write each inequality in slope-intercept form, graph the line (or dashed line), and shade the appropriate region. Then state whether each given point is a solution to the inequality.

10.  $2x - 10y < 90$

11.  $7x - 4y \leq 4$



Test these points:

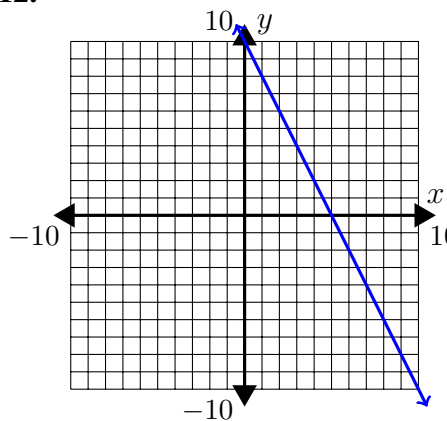
- (a)  $(0, 0)$
- (b)  $(9, -2)$
- (c)  $(-3, -4)$
- (d)  $(10, -7)$

Test these points:

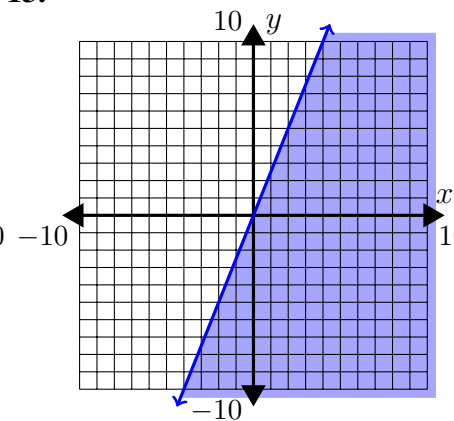
- (a)  $(0, 0)$
- (b)  $(0, -1)$
- (c)  $(8, -6)$
- (d)  $(-5, -7)$

For exercises 12- 20, write the equation or inequality of each graph in slope-intercept form.

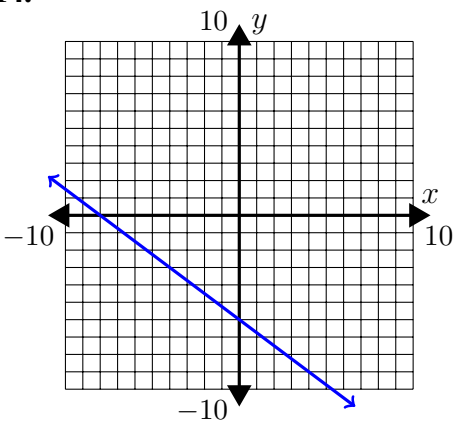
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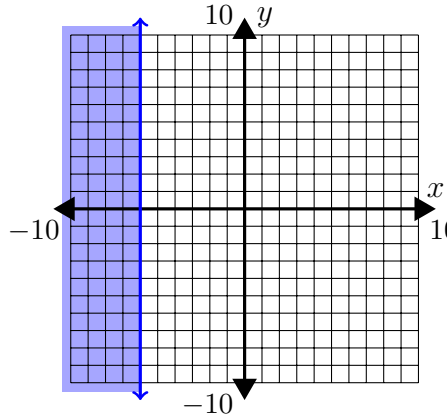
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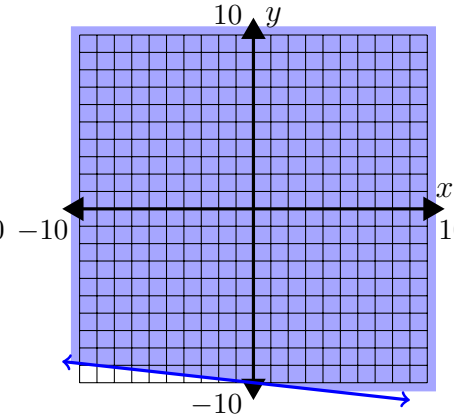
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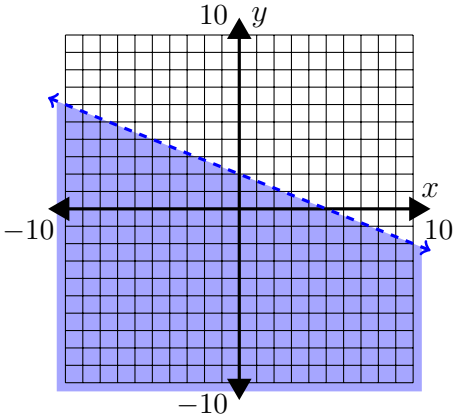
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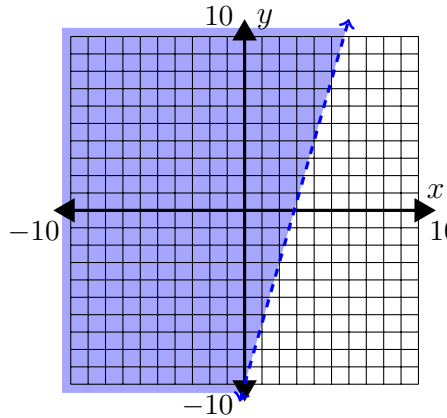
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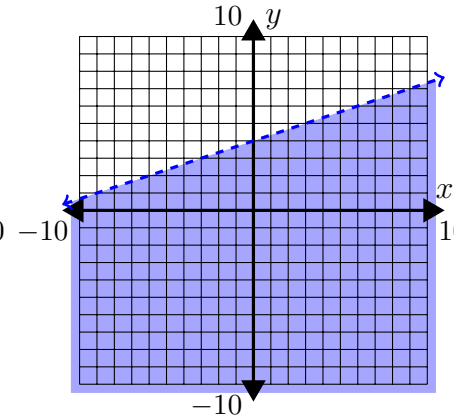
17.



18.



19.



20.

