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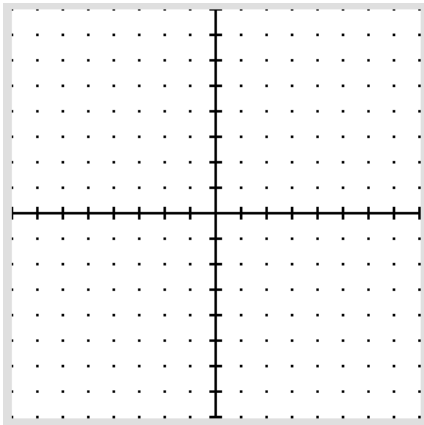
Turn in with your Unit 2 Assignment if your instructor accepts Activities

### Math A Unit 2 Activity - Graphing – 10 points

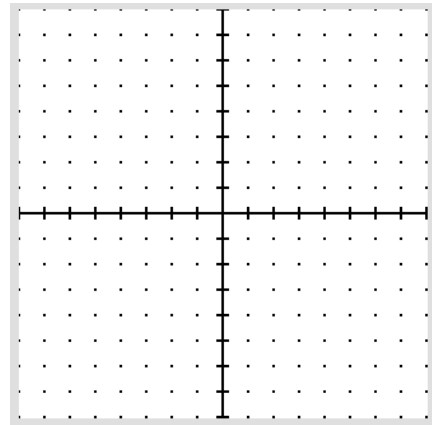
You may get help from each other, the textbook, tutors, or any others. Just make sure you show your work!

1. Graph using x and y intercepts. Label the intercepts.

a)  $4x - 6y = 12$

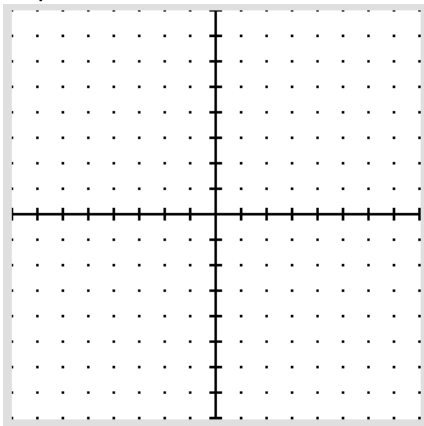


b)  $x + 5y = 15$

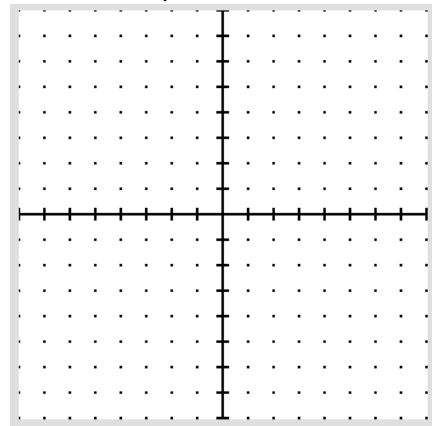


2. Graph using the slope and the y-intercept.

a)  $y = -x + 5$



b)  $3x + y = -2$



3. Find the equation of the line that passes through the point  $(-1, 2)$  and is parallel to the line  $y = 4x - 11$

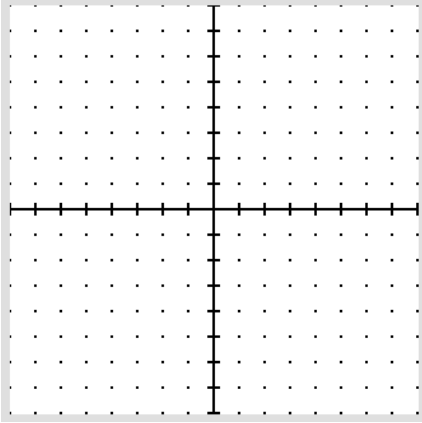
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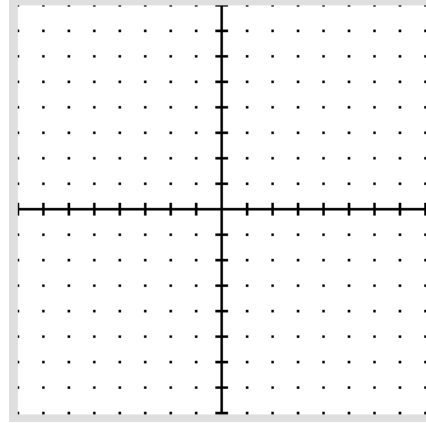
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4. Sketch a graph of the line using your favorite method.

a)  $4x + y = 10$



b)  $7x - 5y = 15$



5. Find the slope-intercept form of the equation of the line that passes through the points  $(3, -1)$  and  $(6, 11)$ .

6. Find the slope-intercept form of the equation of the line through the points  $(-3, 2)$  and  $(5, -4)$

7. Find the slope-intercept form of the equation of the line passing through the points  $(-5, 3)$  and  $(-7, 3)$ .