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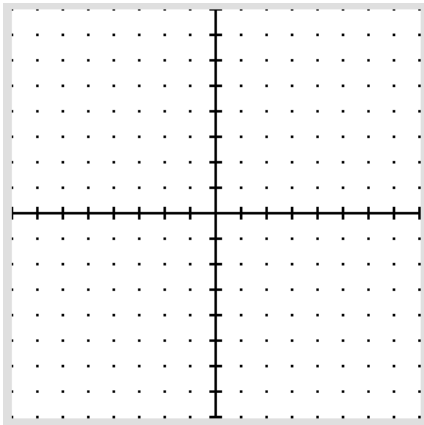
Turn in with your Unit 2 Assignment if your instructor accepts Activities

Math A Unit 2 Activity - Graphing – 10 points

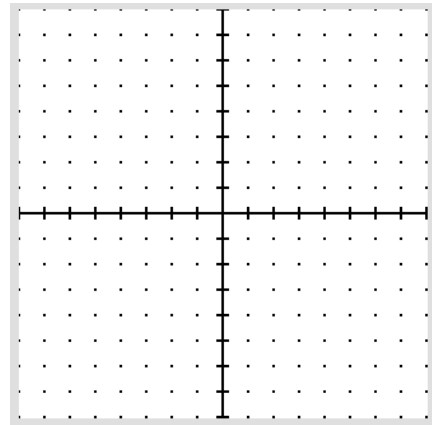
You may get help from each other, the textbook, tutors, or any others. Just make sure you show your work!

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

a) $4x - 6y = 12$

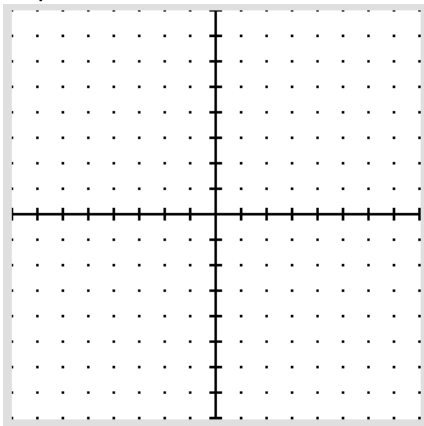


b) $x + 5y = 15$

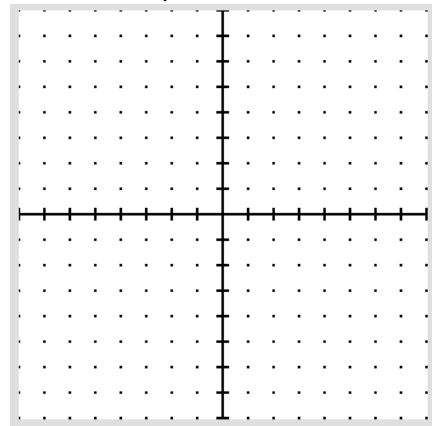


2. Graph using the slope and the y-intercept.

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 $y = 4x - 11$

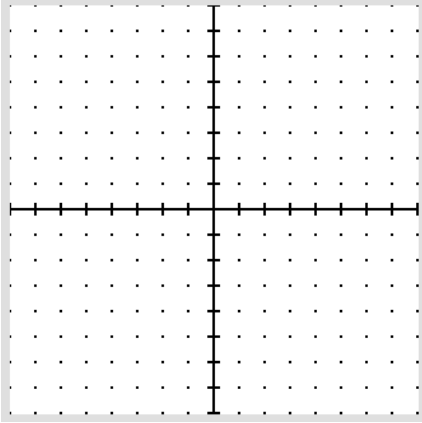
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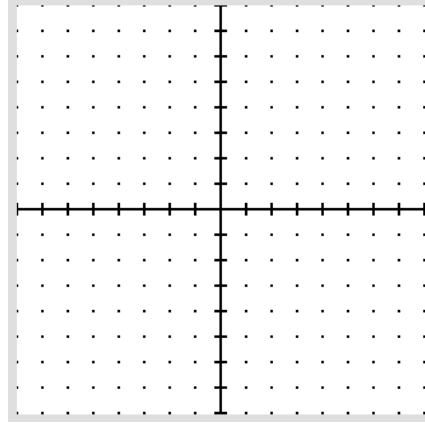
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4. Sketch a graph of the line using your favorite method.

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 $(-7, 3)$.