

Module: Linear Equations  
Mr. Ventimiglia  
Homework

Name:  
Date:  
Block:

Give the x -intercept and y -intercept of the following. Find one additional point for each equation. Show solutions in a H-Chart (Table of Values).

1.  $4x - y = 16$

2.  $2x + 3y = 8$

3.  $y = 2x + 7$

4.  $3x = y - 1$

5.  $y = \frac{3}{4}x - 7$

6.  $3y = 18$

7.  $3y = 2x - 9$

8.  $5x + 4y = 10$

9.  $4x - \frac{1}{3}y = -2$

10.  $y - 6x = 5$

12.  $4y - x = 3$

13.  $4x + 7y = 8$

14. Choose two of the equations from above and graph them on separate coordinate planes. Locate the x-intercept and y-intercept on each graph.

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*Before attempting your homework, be sure to complete the following. Use your notes for help, if needed.*

**HOMEWORK HELP:**

To find the x-intercept in an equation:

To find the y-intercept in an equation:

To locate the x-intercept on a graph:

To locate the y-intercept on a graph: