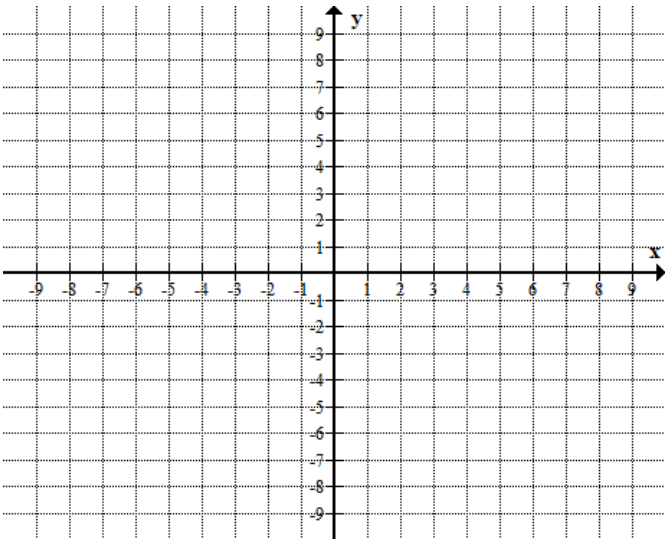
MAT126 Math Interludes
Topic #7: Plotting Points & Graphing Lines

Student Name:_____
Due Date:_____

Plot and label the ordered pairs on the coordinate plane. State the location of each ordered pair (such as Quadrant II, or the x-axis).

A. (-3, 6) Location:_____
B. (-4, -2) Location:_____
C. (0, 3) Location:_____
D. (3, 1) Location:_____
E. (5, -2) Location:_____
F. (7, 0) Location:_____
G. (-2, -2) Location:_____
H. (0, 1) Location:_____

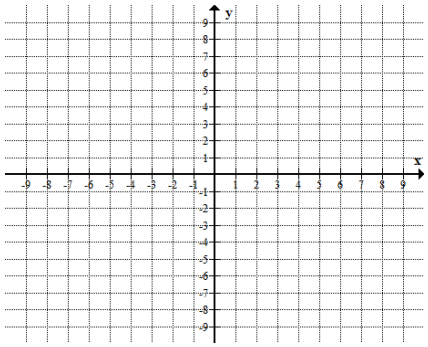


Graph the line represented by each equation below. Use a table of values.

1. $y = 3x - 1$

Table of Values

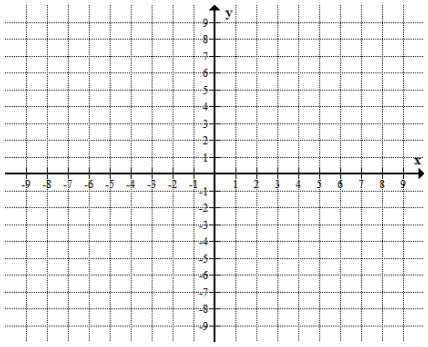
Graph



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

Table of Values

Graph



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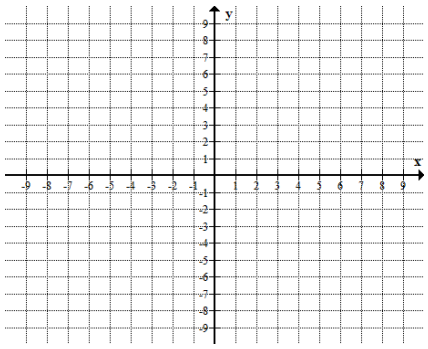
3. $x + 3y = 6$

Table of Values

Graph



4. $5x + 2y = 10$

Table of Values

Graph