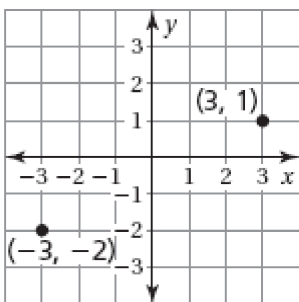


Grade 8: Graphing Linear Equations Test STUDY GUIDE

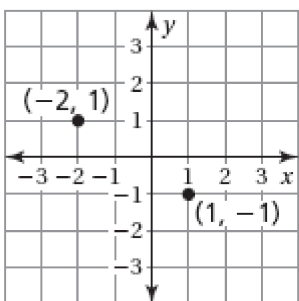
Draw a line through the two points, then find the slope of the line.

1



1.) _____

2

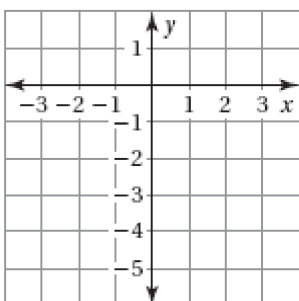


2.) _____

Graph the linear equation using the method of your choice.

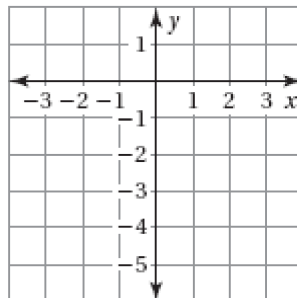
3

$$y = -\frac{1}{2}x - 2$$



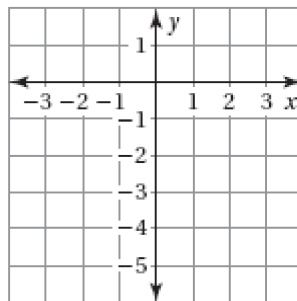
4

$$y = \frac{5}{2}x - 5$$



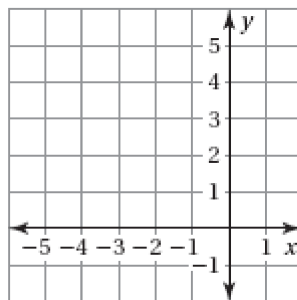
5

$$-3x + y = -1$$



6

$$-4x + 8y = 24$$

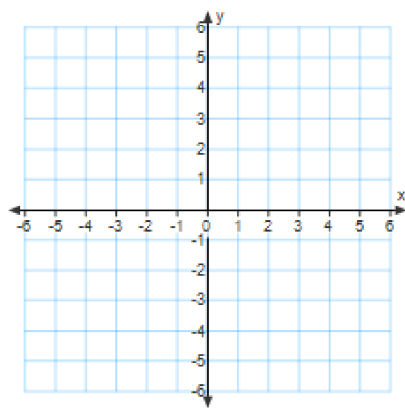


Name: _____

ID: S

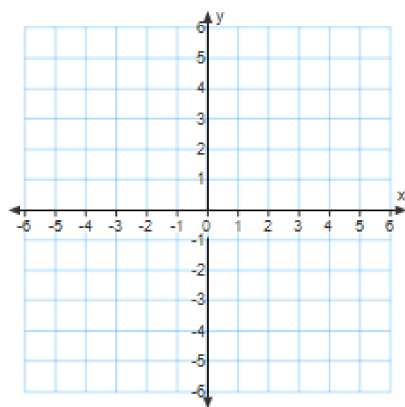
Solve the system of linear equations.

7 $-3x + y = -4$ $y = -x$



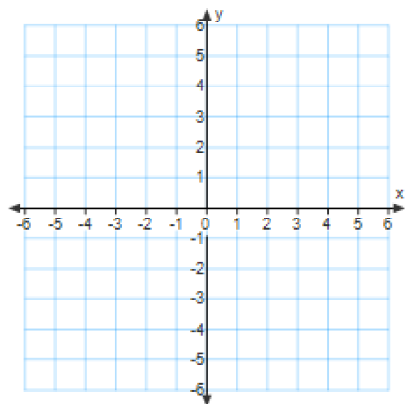
7.) _____

8 $y = -4$ $y = -2x$



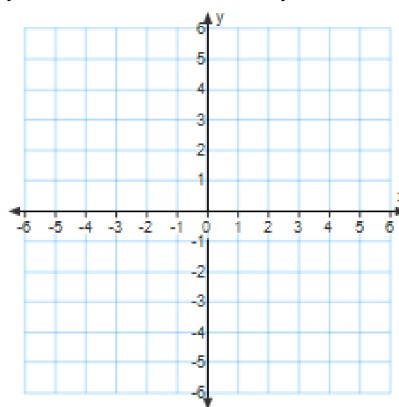
8.) _____

9 $y = 2x - 3$ $y - 2x = -4$



9.) _____

10 $y = 3x - 2$ $y = x$



10.) _____

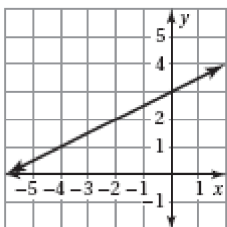
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Answer Section

1 $\frac{1}{2}$

2 $-\frac{2}{3}$

3 Graph should show a line through the points (0, -2) and (0, -4).

4 Graph should show a line through the points (0, -5) and (2, 0).

5 Graph should show a line through the points (0, -1) and $(\frac{1}{3}, 0)$.

6

7 (1, -1)

8 (2, -4)

9 no solution

10 (1, 1)