

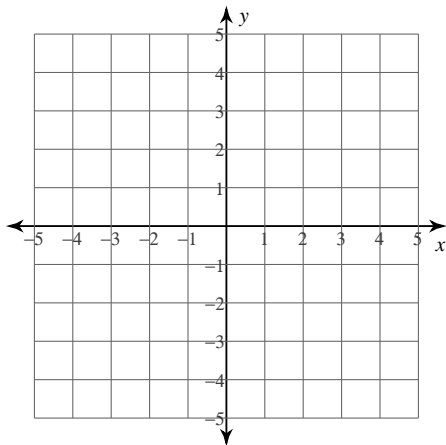
Assignment

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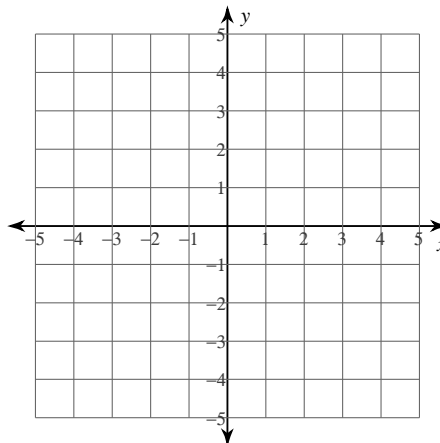
Solve each system by graphing.

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

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

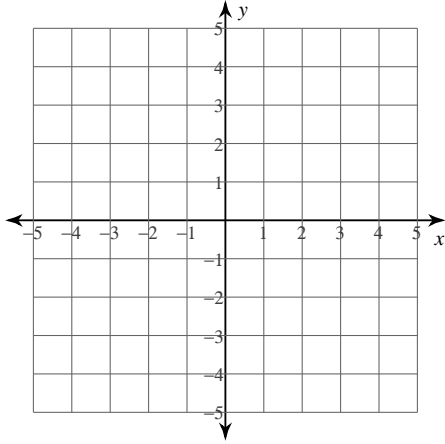


2) $y = -2x + 4$
 $y = 6x - 4$



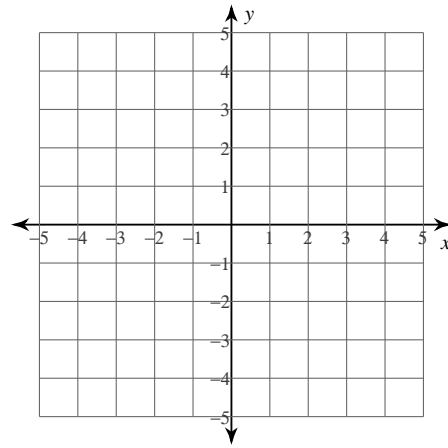
$$3) y = -\frac{1}{2}x - 2$$

$$y = -2x + 4$$

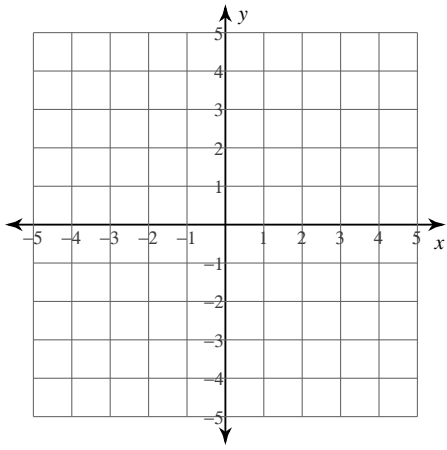


$$4) y = 4x + 3$$

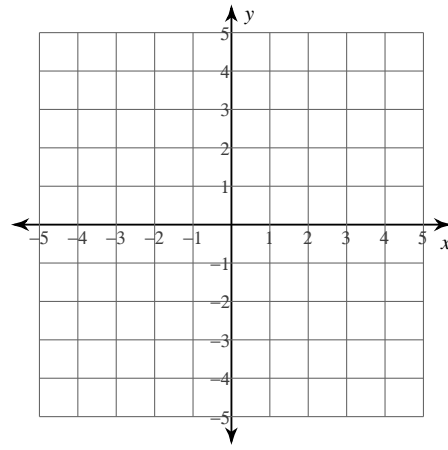
$$y = -1$$



5) $x - 3y = -6$
 $x + y = -2$



6) $2x + 3y = 6$
 $7x + 3y = -9$



Write the slope-intercept form of the equation of each line.

7) $x - y = -6$

8) $2x - 11y = -80$

$$9) x - 6y = -18$$

$$10) 6x + y = 20$$

Solve each equation.

$$11) -11 + 2x + 3 + 4 = 8x + 2$$

$$12) 7 + 4n = 3n + 3$$

$$13) 4 + 3n = -8(n - 7) - 8$$

$$14) -8(-6b + 5) = -40 + 6b$$

$$15) -36 - 4v = 6(-6 + 6v) + 8v$$

$$16) 8(1 - 7x) = 8 + 3x$$

Answers to Assignment (ID: 1)

1) No solution

5) $(-3, 1)$

9) $y = \frac{1}{6}x + 3$

13) $\{4\}$

2) $(1, 2)$

6) $(-3, 4)$

10) $y = -6x + 20$

14) $\{0\}$

3) $(4, -4)$

7) $y = x + 6$

11) $\{-1\}$

15) $\{0\}$

4) $(-1, -1)$

8) $y = \frac{2}{11}x + \frac{80}{11}$

12) $\{-4\}$

16) $\{0\}$