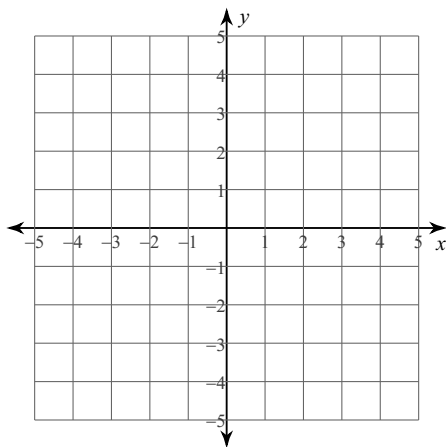


Review of Graphing and Substitution

Solve each system by graphing.

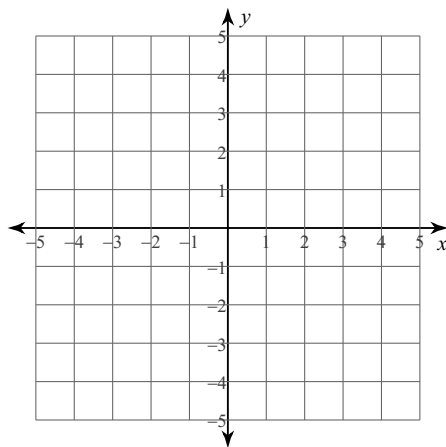
1) $y = \frac{1}{3}x - 3$

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



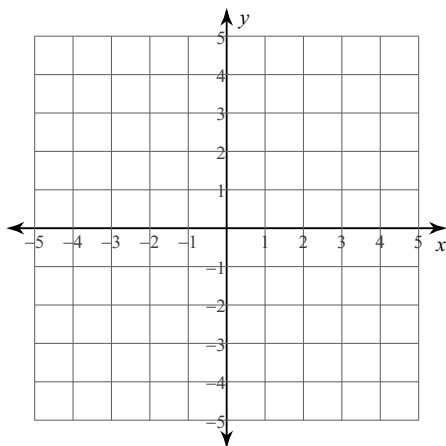
2) $y = \frac{1}{2}x - 4$

$$y = -\frac{7}{2}x + 4$$



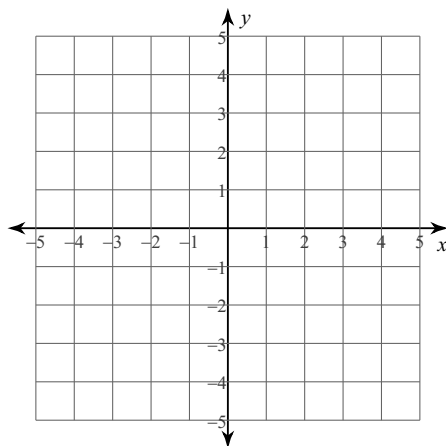
3) $-2y = 8 - 2x$

$$y - 2 + x = 0$$



4) $x + y = 2$

$$x = 8 + 2y$$



Solve each system by substitution.

5) $3x + 6y = -12$
 $y = -3x - 17$

6) $4x - y = -19$
 $y = -6x - 21$

7) $y = 7x - 11$
 $y = 5x - 9$

8) $y = -6x + 14$
 $y = -7x + 17$

9) $4x + y = 3$
 $2x + 4y = 12$

10) $4x + y = 24$
 $-2x + 4y = 24$

11) $-2x + 8y = -16$
 $7x - 2y = -22$

12) $-2x + 7y = 18$
 $8x + 6y = -4$

Answers to Review of Graphing and Substitution (ID: 1)

1) $(3, -2)$

5) $(-6, 1)$

9) $(0, 3)$

2) $(2, -3)$

6) $(-4, 3)$

10) $(4, 8)$

3) $(3, -1)$

7) $(1, -4)$

11) $(-4, -3)$

4) $(4, -2)$

8) $(3, -4)$

12) $(-2, 2)$