

Assignment

Solve each system by graphing.

1) $y = -3x + 2$
 $y = x - 2$

2) $y = -\frac{1}{4}x + 2$
 $y = \frac{3}{4}x - 2$

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

4) $y = -3x + 4$
 $y = -3x - 1$

5) $y = 3x + 4$
 $y = -2x - 1$

6) $y = -3x - 4$
 $y = \frac{1}{2}x + 3$

7) $y = -5x - 2$
 $y = x + 4$

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

9) $y = -\frac{1}{3}x + 2$
 $y = -\frac{5}{3}x - 2$

10) $y = x - 4$
 $y = -\frac{4}{3}x + 3$

11) $y = -\frac{1}{3}x - 1$
 $y = -\frac{1}{3}x + 4$

12) $y = \frac{8}{3}x - 4$
 $y = \frac{1}{3}x + 3$

13) $y = \frac{2}{3}x - 4$
 $y = -\frac{5}{3}x + 3$

14) $y = \frac{4}{3}x - 3$
 $y = -\frac{1}{3}x + 2$

Assignment

Date _____ Period _____

Solve each system by graphing.

1) $y = -3x + 2$
 $y = x - 2$

(1, -1)

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

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

(4, 1)

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

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

No solution

4) $y = -3x + 4$
 $y = -3x - 1$

No solution

5) $y = 3x + 4$
 $y = -2x - 1$

(-1, 1)

6) $y = -3x - 4$
 $y = \frac{1}{2}x + 3$

(-2, 2)

7) $y = -5x - 2$
 $y = x + 4$

(-1, 3)

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

(2, 3)

9) $y = -\frac{1}{3}x + 2$
 $y = -\frac{5}{3}x - 2$

(-3, 3)

10) $y = x - 4$
 $y = -\frac{4}{3}x + 3$

(3, -1)

11) $y = -\frac{1}{3}x - 1$
 $y = -\frac{1}{3}x + 4$

No solution

12) $y = \frac{8}{3}x - 4$
 $y = \frac{1}{3}x + 3$

(3, 4)

13) $y = \frac{2}{3}x - 4$
 $y = -\frac{5}{3}x + 3$

(3, -2)

14) $y = \frac{4}{3}x - 3$
 $y = -\frac{1}{3}x + 2$

(3, 1)

Assignment

Solve each system by graphing.

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

2) $y = -x + 4$
 $y = 6x - 3$

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

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

5) $y = -x - 1$
 $y = -x - 4$

6) $y = -\frac{2}{3}x - 2$
 $y = -\frac{8}{3}x + 4$

7) $y = \frac{2}{3}x - 1$
 $y = -\frac{1}{3}x - 4$

8) $y = 3x + 4$
 $y = -5x - 4$

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

10) $y = -\frac{5}{4}x + 4$
 $y = \frac{3}{4}x - 4$

11) $y = \frac{1}{3}x + 1$
 $y = \frac{5}{3}x - 3$

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

13) $y = -\frac{5}{3}x + 3$
 $y = \frac{1}{3}x - 3$

14) $y = \frac{4}{3}x + 2$
 $y = \frac{1}{3}x - 1$

Assignment

Solve each system by graphing.

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

 $(-1, 3)$

2) $y = -x + 4$
 $y = 6x - 3$

 $(1, 3)$

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

 $(1, -3)$

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

 $(-2, -4)$

5) $y = -x - 1$
 $y = -x - 4$

No solution

6) $y = -\frac{2}{3}x - 2$
 $y = -\frac{8}{3}x + 4$

 $(3, -4)$

7) $y = \frac{2}{3}x - 1$
 $y = -\frac{1}{3}x - 4$

 $(-3, -3)$

8) $y = 3x + 4$
 $y = -5x - 4$

 $(-1, 1)$

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

 $(-3, 2)$

10) $y = -\frac{5}{4}x + 4$
 $y = \frac{3}{4}x - 4$

 $(4, -1)$

11) $y = \frac{1}{3}x + 1$
 $y = \frac{5}{3}x - 3$

 $(3, 2)$

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

No solution

13) $y = -\frac{5}{3}x + 3$
 $y = \frac{1}{3}x - 3$

 $(3, -2)$

14) $y = \frac{4}{3}x + 2$
 $y = \frac{1}{3}x - 1$

 $(-3, -2)$

Assignment

Date _____ Period _____

Solve each system by graphing.

$$1) \begin{cases} y = \frac{4}{3}x + 2 \\ y = -\frac{1}{3}x - 3 \end{cases}$$

$$2) \begin{cases} y = \frac{1}{4}x + 3 \\ x = -4 \end{cases}$$

$$3) \begin{cases} y = -6x + 4 \\ y = -6x - 4 \end{cases}$$

$$4) \begin{cases} y = 2x - 1 \\ y = -x + 2 \end{cases}$$

$$5) \begin{cases} y = -3 \\ y = \frac{4}{3}x + 1 \end{cases}$$

$$6) \begin{cases} y = -\frac{1}{2}x - 1 \\ y = -\frac{3}{2}x + 3 \end{cases}$$

$$7) \begin{cases} y = \frac{1}{3}x + 4 \\ y = -\frac{7}{3}x - 4 \end{cases}$$

$$8) \begin{cases} y = -\frac{1}{3}x - 1 \\ y = -\frac{4}{3}x + 2 \end{cases}$$

$$9) \begin{cases} y = 2x + 3 \\ y = -2x - 1 \end{cases}$$

$$10) \begin{cases} y = -\frac{1}{2}x - 3 \\ y = 3x + 4 \end{cases}$$

$$11) \begin{cases} y = -3x - 3 \\ y = \frac{1}{2}x + 4 \end{cases}$$

$$12) \begin{cases} y = -\frac{3}{2}x - 4 \\ y = \frac{1}{4}x + 3 \end{cases}$$

$$13) \begin{cases} y = -\frac{5}{2}x - 1 \\ y = -\frac{1}{2}x + 3 \end{cases}$$

$$14) \begin{cases} y = -2x + 2 \\ y = \frac{1}{2}x - 3 \end{cases}$$

Assignment

Solve each system by graphing.

1) $y = \frac{4}{3}x + 2$

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

 $(-3, -2)$

2) $y = \frac{1}{4}x + 3$

$x = -4$

 $(-4, 2)$

3) $y = -6x + 4$

$y = -6x - 4$

No solution

4) $y = 2x - 1$

$y = -x + 2$

 $(1, 1)$

5) $y = -3$

$y = \frac{4}{3}x + 1$

 $(-3, -3)$

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

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

 $(4, -3)$

7) $y = \frac{1}{3}x + 4$

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

 $(-3, 3)$

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

$y = -\frac{4}{3}x + 2$

 $(3, -2)$

9) $y = 2x + 3$

$y = -2x - 1$

 $(-1, 1)$

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

$y = 3x + 4$

 $(-2, -2)$

11) $y = -3x - 3$

$y = \frac{1}{2}x + 4$

 $(-2, 3)$

12) $y = -\frac{3}{2}x - 4$

$y = \frac{1}{4}x + 3$

 $(-4, 2)$

13) $y = -\frac{5}{2}x - 1$

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

 $(-2, 4)$

14) $y = -2x + 2$

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

 $(2, -2)$

Assignment

Solve each system by graphing.

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

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

3) $y = 2x + 1$
 $y = -3$

4) $y = -\frac{5}{4}x - 2$
 $y = \frac{1}{4}x + 4$

5) $y = -6x + 3$
 $y = x - 4$

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

7) $y = 4x + 4$
 $y = \frac{1}{2}x - 3$

8) $y = \frac{1}{2}x - 1$
 $y = 3x + 4$

9) $y = 5x - 2$
 $y = x + 2$

10) $y = \frac{1}{3}x - 4$
 $y = -\frac{7}{3}x + 4$

11) $y = \frac{7}{2}x - 4$
 $y = \frac{1}{2}x + 2$

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

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

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

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Solve each system by graphing.

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

No solution

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

$y = -x - 1$

 $(-4, 3)$

3) $y = 2x + 1$
 $y = -3$

 $(-2, -3)$

4) $y = -\frac{5}{4}x - 2$

$y = \frac{1}{4}x + 4$

 $(-4, 3)$

5) $y = -6x + 3$
 $y = x - 4$

 $(1, -3)$

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

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

No solution

7) $y = 4x + 4$
 $y = \frac{1}{2}x - 3$

 $(-2, -4)$

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

$y = 3x + 4$

 $(-2, -2)$

9) $y = 5x - 2$
 $y = x + 2$

 $(1, 3)$

10) $y = \frac{1}{3}x - 4$

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

 $(3, -3)$

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

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

 $(2, 3)$

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

$x = 3$

 $(3, -3)$

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

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

No solution

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

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

 $(-4, 1)$

Assignment

Solve each system by graphing.

$$1) \begin{aligned} y &= -\frac{3}{2}x + 2 \\ y &= -4 \end{aligned}$$

$$2) \begin{aligned} y &= -\frac{1}{2}x + 2 \\ y &= -2x - 4 \end{aligned}$$

$$3) \begin{aligned} y &= -\frac{7}{2}x + 3 \\ y &= -\frac{1}{2}x - 3 \end{aligned}$$

$$4) \begin{aligned} y &= 8x - 4 \\ y &= 8x + 3 \end{aligned}$$

$$5) \begin{aligned} y &= -4x - 4 \\ y &= -x + 2 \end{aligned}$$

$$6) \begin{aligned} y &= -2x + 3 \\ y &= \frac{3}{2}x - 4 \end{aligned}$$

$$7) \begin{aligned} y &= -\frac{1}{2}x - 2 \\ y &= -2x + 4 \end{aligned}$$

$$8) \begin{aligned} y &= \frac{1}{3}x + 1 \\ y &= \frac{5}{3}x - 3 \end{aligned}$$

$$9) \begin{aligned} y &= -4x - 2 \\ y &= x + 3 \end{aligned}$$

$$10) \begin{aligned} y &= -\frac{1}{2}x - 2 \\ y &= \frac{1}{2}x - 4 \end{aligned}$$

$$11) \begin{aligned} y &= -3x + 2 \\ y &= x - 2 \end{aligned}$$

$$12) \begin{aligned} y &= x + 1 \\ y &= x + 2 \end{aligned}$$

$$13) \begin{aligned} y &= -\frac{1}{4}x + 1 \\ y &= -x - 2 \end{aligned}$$

$$14) \begin{aligned} y &= -\frac{1}{3}x - 3 \\ y &= -\frac{8}{3}x + 4 \end{aligned}$$

Assignment

Date _____ Period _____

Solve each system by graphing.

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

$y = -4$

$(4, -4)$

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

$y = -2x - 4$

$(-4, 4)$

3) $y = -\frac{7}{2}x + 3$

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

$(2, -4)$

4) $y = 8x - 4$

$y = 8x + 3$

No solution

5) $y = -4x - 4$

$y = -x + 2$

$(-2, 4)$

6) $y = -2x + 3$

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

$(2, -1)$

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

$y = -2x + 4$

$(4, -4)$

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

$y = \frac{5}{3}x - 3$

$(3, 2)$

9) $y = -4x - 2$

$y = x + 3$

$(-1, 2)$

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

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

$(2, -3)$

11) $y = -3x + 2$

$y = x - 2$

$(1, -1)$

12) $y = x + 1$

$y = x + 2$

No solution

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

$y = -x - 2$

$(-4, 2)$

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

$y = -\frac{8}{3}x + 4$

$(3, -4)$

Assignment

Solve each system by graphing.

1) $y = 7x + 4$
 $y = -x - 4$

2) $y = \frac{1}{3}x + 3$
 $y = -\frac{4}{3}x - 2$

3) $y = -\frac{3}{4}x + 4$
 $y = \frac{5}{4}x - 4$

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

5) $y = \frac{4}{3}x - 3$
 $y = -\frac{1}{3}x + 2$

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

7) $y = \frac{1}{2}x - 3$
 $y = \frac{5}{2}x + 1$

8) $y = 5x - 4$
 $y = -2x + 3$

9) $y = -\frac{5}{3}x + 2$
 $y = \frac{1}{3}x - 4$

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

11) $y = -\frac{5}{2}x + 2$
 $y = \frac{1}{2}x - 4$

12) $y = \frac{1}{3}x + 3$
 $y = -2x - 4$

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

14) $y = \frac{7}{3}x + 3$
 $y = \frac{2}{3}x - 2$

Assignment

Solve each system by graphing.

1) $y = 7x + 4$
 $y = -x - 4$

 $(-1, -3)$

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

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

 $(-3, 2)$

3) $y = -\frac{3}{4}x + 4$

$y = \frac{5}{4}x - 4$

 $(4, 1)$

4) $y = 2x - 2$

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

 $(2, 2)$

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

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

 $(3, 1)$

6) $y = \frac{1}{2}x + 2$

$y = 2x - 1$

 $(2, 3)$

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

$y = \frac{5}{2}x + 1$

 $(-2, -4)$

8) $y = 5x - 4$

$y = -2x + 3$

 $(1, 1)$

9) $y = -\frac{5}{3}x + 2$

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

 $(3, -3)$

10) $y = -2x - 1$

$y = \frac{1}{2}x + 4$

 $(-2, 3)$

11) $y = -\frac{5}{2}x + 2$

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

 $(2, -3)$

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

$y = -2x - 4$

 $(-3, 2)$

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

 $(1, -4)$

14) $y = \frac{7}{3}x + 3$

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

 $(-3, -4)$

Assignment

Solve each system by graphing.

$$1) \begin{aligned} y &= \frac{3}{2}x + 4 \\ y &= -2x - 3 \end{aligned}$$

$$2) \begin{aligned} y &= \frac{1}{2}x - 2 \\ y &= -x + 1 \end{aligned}$$

$$3) \begin{aligned} y &= -x - 3 \\ y &= \frac{3}{4}x + 4 \end{aligned}$$

$$4) \begin{aligned} y &= -3x - 2 \\ y &= -\frac{1}{2}x + 3 \end{aligned}$$

$$5) \begin{aligned} y &= -x + 3 \\ y &= 4x - 2 \end{aligned}$$

$$6) \begin{aligned} y &= \frac{1}{2}x + 3 \\ y &= \frac{3}{2}x + 1 \end{aligned}$$

$$7) \begin{aligned} y &= 2x - 4 \\ y &= 2x + 3 \end{aligned}$$

$$8) \begin{aligned} y &= -x + 3 \\ y &= 3x - 1 \end{aligned}$$

$$9) \begin{aligned} y &= \frac{5}{4}x - 2 \\ y &= \frac{5}{4}x + 2 \end{aligned}$$

$$10) \begin{aligned} y &= -\frac{1}{3}x - 3 \\ y &= \frac{5}{3}x + 3 \end{aligned}$$

$$11) \begin{aligned} y &= \frac{4}{3}x + 2 \\ y &= \frac{4}{3}x + 3 \end{aligned}$$

$$12) \begin{aligned} y &= -\frac{3}{4}x + 1 \\ y &= \frac{1}{2}x - 4 \end{aligned}$$

$$13) \begin{aligned} y &= \frac{5}{2}x + 1 \\ y &= \frac{5}{2}x - 1 \end{aligned}$$

$$14) \begin{aligned} y &= -x - 2 \\ y &= -5x + 2 \end{aligned}$$

Assignment

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Solve each system by graphing.

1) $y = \frac{3}{2}x + 4$

$y = -2x - 3$

 $(-2, 1)$

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

$y = -x + 1$

 $(2, -1)$

3) $y = -x - 3$

$y = \frac{3}{4}x + 4$

 $(-4, 1)$

4) $y = -3x - 2$

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

 $(-2, 4)$

5) $y = -x + 3$

$y = 4x - 2$

 $(1, 2)$

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

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

 $(2, 4)$

7) $y = 2x - 4$

$y = 2x + 3$

No solution

8) $y = -x + 3$

$y = 3x - 1$

 $(1, 2)$

9) $y = \frac{5}{4}x - 2$

$y = \frac{5}{4}x + 2$

No solution

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

$y = \frac{5}{3}x + 3$

 $(-3, -2)$

11) $y = \frac{4}{3}x + 2$

$y = \frac{4}{3}x + 3$

No solution

12) $y = -\frac{3}{4}x + 1$

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

 $(4, -2)$

13) $y = \frac{5}{2}x + 1$

$y = \frac{5}{2}x - 1$

No solution

14) $y = -x - 2$

$y = -5x + 2$

 $(1, -3)$

Assignment

Solve each system by graphing.

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

2) $y = \frac{4}{3}x - 2$
 $y = \frac{4}{3}x + 1$

3) $y = -3x - 4$
 $y = -\frac{1}{2}x + 1$

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

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

6) $y = \frac{1}{2}x + 2$
 $y = -\frac{5}{2}x - 4$

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

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

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

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

11) $y = 3x + 3$
 $y = -\frac{1}{2}x - 4$

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

13) $y = -x - 1$
 $y = \frac{3}{2}x + 4$

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

Assignment

Solve each system by graphing.

$$\begin{aligned} 1) \quad y &= -6x + 3 \\ y &= -x - 2 \end{aligned}$$

 $(1, -3)$

$$2) \quad y = \frac{4}{3}x - 2$$

$$y = \frac{4}{3}x + 1$$

 No solution

$$\begin{aligned} 3) \quad y &= -3x - 4 \\ y &= -\frac{1}{2}x + 1 \end{aligned}$$

 $(-2, 2)$

$$\begin{aligned} 4) \quad y &= -x - 1 \\ y &= -\frac{1}{4}x + 2 \end{aligned}$$

 $(-4, 3)$

$$\begin{aligned} 5) \quad y &= x + 3 \\ y &= -\frac{1}{2}x - 3 \end{aligned}$$

 $(-4, -1)$

$$\begin{aligned} 6) \quad y &= \frac{1}{2}x + 2 \\ y &= -\frac{5}{2}x - 4 \end{aligned}$$

 $(-2, 1)$

$$\begin{aligned} 7) \quad y &= 2x + 2 \\ y &= \frac{1}{2}x - 1 \end{aligned}$$

 $(-2, -2)$

$$\begin{aligned} 8) \quad y &= -\frac{1}{3}x + 3 \\ y &= -\frac{1}{3}x + 2 \end{aligned}$$

 No solution

$$\begin{aligned} 9) \quad y &= 3x - 2 \\ y &= \frac{1}{2}x + 3 \end{aligned}$$

 $(2, 4)$

$$\begin{aligned} 10) \quad y &= -\frac{2}{3}x + 3 \\ y &= \frac{2}{3}x - 1 \end{aligned}$$

 $(3, 1)$

$$\begin{aligned} 11) \quad y &= 3x + 3 \\ y &= -\frac{1}{2}x - 4 \end{aligned}$$

 $(-2, -3)$

$$\begin{aligned} 12) \quad y &= \frac{1}{2}x - 4 \\ y &= -x + 2 \end{aligned}$$

 $(4, -2)$

$$\begin{aligned} 13) \quad y &= -x - 1 \\ y &= \frac{3}{2}x + 4 \end{aligned}$$

 $(-2, 1)$

$$\begin{aligned} 14) \quad y &= 4x + 3 \\ y &= -3x - 4 \end{aligned}$$

 $(-1, -1)$

Assignment

Solve each system by graphing.

1) $y = -\frac{5}{3}x + 3$

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

2) $y = \frac{3}{2}x + 4$

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

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

4) $y = x + 4$
 $y = -5x - 2$

5) $y = -\frac{3}{2}x + 4$

$y = x - 1$

6) $y = \frac{7}{3}x + 3$

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

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

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

8) $y = -6x + 4$
 $y = x - 3$

9) $y = \frac{5}{4}x + 1$

$y = \frac{5}{4}x - 1$

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

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

12) $y = \frac{1}{4}x + 2$
 $y = -\frac{3}{4}x - 2$

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

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

Assignment

Date _____ Period _____

Solve each system by graphing.

1) $y = -\frac{5}{3}x + 3$

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

(3, -2)

2) $y = \frac{3}{2}x + 4$

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

(-2, 1)

3) $y = 3x + 1$

$y = -x - 3$

(-1, -2)

4) $y = x + 4$

$y = -5x - 2$

(-1, 3)

5) $y = -\frac{3}{2}x + 4$

$y = x - 1$

(2, 1)

6) $y = \frac{7}{3}x + 3$

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

(-3, -4)

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

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

No solution

8) $y = -6x + 4$

$y = x - 3$

(1, -2)

9) $y = \frac{5}{4}x + 1$

$y = \frac{5}{4}x - 1$

No solution

10) $y = x + 2$

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

(-3, -1)

11) $y = -3x + 3$

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

(2, -3)

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

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

(-4, 1)

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

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

(3, 1)

14) $y = x - 1$

$y = -\frac{1}{4}x + 4$

(4, 3)

Assignment

Solve each system by graphing.

$$1) \begin{cases} y = -2x - 4 \\ y = -\frac{1}{4}x + 3 \end{cases}$$

$$2) \begin{cases} y = \frac{7}{2}x - 4 \\ y = -\frac{1}{2}x + 4 \end{cases}$$

$$3) \begin{cases} y = -\frac{1}{3}x + 3 \\ y = -\frac{5}{3}x - 1 \end{cases}$$

$$4) \begin{cases} y = \frac{5}{2}x - 4 \\ y = -x + 3 \end{cases}$$

$$5) \begin{cases} y = \frac{3}{4}x - 2 \\ y = -\frac{1}{4}x + 2 \end{cases}$$

$$6) \begin{cases} y = -\frac{1}{2}x + 2 \\ y = -\frac{7}{2}x - 4 \end{cases}$$

$$7) \begin{cases} y = -\frac{5}{2}x - 3 \\ y = -\frac{1}{2}x + 1 \end{cases}$$

$$8) \begin{cases} y = 3 \\ y = 2x - 1 \end{cases}$$

$$9) \begin{cases} y = \frac{1}{3}x + 1 \\ y = \frac{4}{3}x - 2 \end{cases}$$

$$10) \begin{cases} y = -1 \\ y = -2x - 3 \end{cases}$$

$$11) \begin{cases} y = -x - 1 \\ y = \frac{1}{4}x + 4 \end{cases}$$

$$12) \begin{cases} y = x + 3 \\ x = -2 \end{cases}$$

$$13) \begin{cases} y = \frac{8}{3}x + 4 \\ y = \frac{2}{3}x - 2 \end{cases}$$

$$14) \begin{cases} y = -\frac{4}{3}x + 3 \\ y = \frac{2}{3}x - 3 \end{cases}$$

Assignment

Solve each system by graphing.

$$\begin{aligned} 1) \quad & y = -2x - 4 \\ & y = -\frac{1}{4}x + 3 \\ & \quad \quad \quad (-4, 4) \end{aligned}$$

$$\begin{aligned} 2) \quad & y = \frac{7}{2}x - 4 \\ & y = -\frac{1}{2}x + 4 \\ & \quad \quad \quad (2, 3) \end{aligned}$$

$$\begin{aligned} 3) \quad & y = -\frac{1}{3}x + 3 \\ & y = -\frac{5}{3}x - 1 \\ & \quad \quad \quad (-3, 4) \end{aligned}$$

$$\begin{aligned} 4) \quad & y = \frac{5}{2}x - 4 \\ & y = -x + 3 \\ & \quad \quad \quad (2, 1) \end{aligned}$$

$$\begin{aligned} 5) \quad & y = \frac{3}{4}x - 2 \\ & y = -\frac{1}{4}x + 2 \\ & \quad \quad \quad (4, 1) \end{aligned}$$

$$\begin{aligned} 6) \quad & y = -\frac{1}{2}x + 2 \\ & y = -\frac{7}{2}x - 4 \\ & \quad \quad \quad (-2, 3) \end{aligned}$$

$$\begin{aligned} 7) \quad & y = -\frac{5}{2}x - 3 \\ & y = -\frac{1}{2}x + 1 \\ & \quad \quad \quad (-2, 2) \end{aligned}$$

$$\begin{aligned} 8) \quad & y = 3 \\ & y = 2x - 1 \\ & \quad \quad \quad (2, 3) \end{aligned}$$

$$\begin{aligned} 9) \quad & y = \frac{1}{3}x + 1 \\ & y = \frac{4}{3}x - 2 \\ & \quad \quad \quad (3, 2) \end{aligned}$$

$$\begin{aligned} 10) \quad & y = -1 \\ & y = -2x - 3 \\ & \quad \quad \quad (-1, -1) \end{aligned}$$

$$\begin{aligned} 11) \quad & y = -x - 1 \\ & y = \frac{1}{4}x + 4 \\ & \quad \quad \quad (-4, 3) \end{aligned}$$

$$\begin{aligned} 12) \quad & y = x + 3 \\ & x = -2 \\ & \quad \quad \quad (-2, 1) \end{aligned}$$

$$\begin{aligned} 13) \quad & y = \frac{8}{3}x + 4 \\ & y = \frac{2}{3}x - 2 \\ & \quad \quad \quad (-3, -4) \end{aligned}$$

$$\begin{aligned} 14) \quad & y = -\frac{4}{3}x + 3 \\ & y = \frac{2}{3}x - 3 \\ & \quad \quad \quad (3, -1) \end{aligned}$$