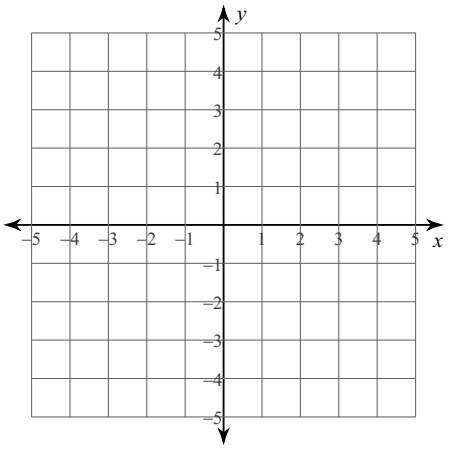
Pre-Calc 11 Name_____ ID: 1

Solving Systems - review

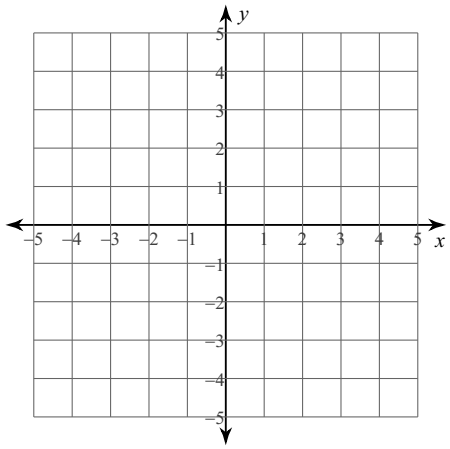
Date_____ Period____

Solve each system by graphing.

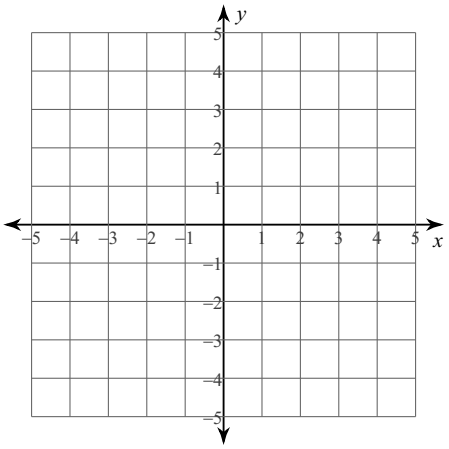
1) $y = \frac{1}{2}x - 3$
$y = \frac{3}{2}x - 1$



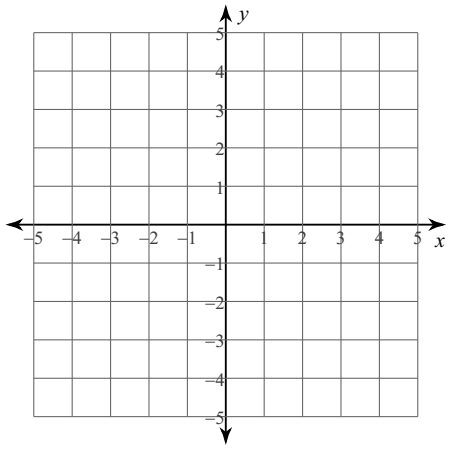
2) $y = \frac{1}{3}x - 3$
$y = \frac{5}{3}x + 1$



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



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



5) $-27 - 9y = 6x$
$-y + x = -2$

6) $0 = -6x + 9y - 36$
$3y = -9 - 5x$

7) $x = -2y - 8$
$-12y = -12 - 9x$

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

9) $2y - x = -4$
$5x = -2y + 8$

10) $-3y = -9x - 9$
$x = -8 - 2y$

Answers to Solving Systems - review (ID: 1)

1) $(-2, -4)$
2) $(-3, -4)$
3) $(-2, -4)$
4) $(2, 2)$
5) $(-3, -1)$
6) $(-3, 2)$
7) $(-4, -2)$
8) $(1, -4)$
9) $(2, -1)$
10) $(-2, -3)$

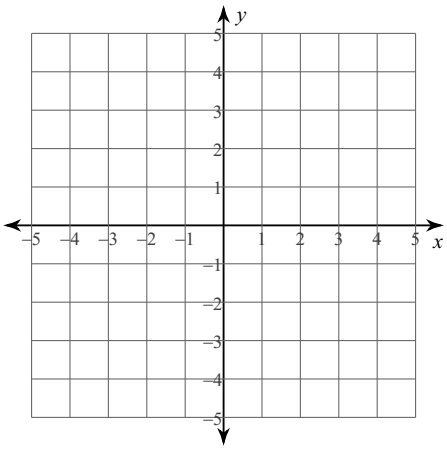
Pre-Calc 11 Name_____ ID: 2

Solving Systems - review

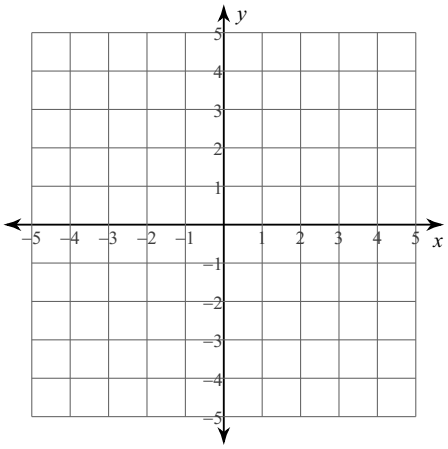
Date_____ Period____

Solve each system by graphing.

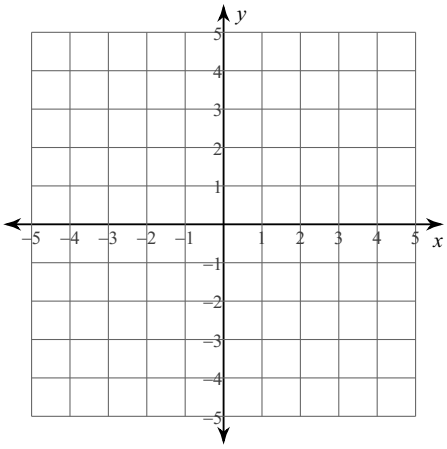
1) $y = x - 3$
$y = -6x + 4$



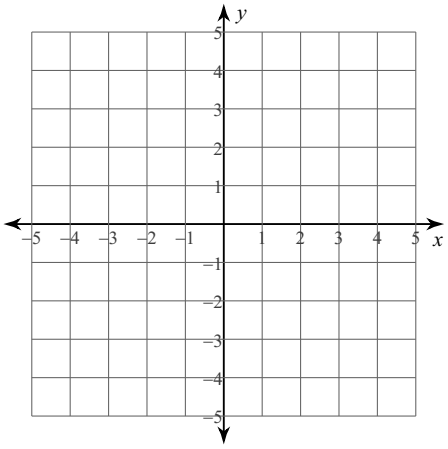
2) $y = \frac{5}{3}x + 1$
$x = -3$



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



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



5) $-12 = x - 4y$
$0 = -5x + 4 + 4y$

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

7) $3 - 2x = y$
$-3y + x = 12$

8) $2x + 3y = 12$
$3y - 4x + 6 = 0$

9) $4y = 8 + x$
$x = -3 - y$

10) $-x = 2 - 2y$
$2 - 2x + y = 0$

Answers to Solving Systems - review (ID: 2)

1) $(1, -2)$
2) $(-3, -4)$
3) $(-4, 3)$
4) $(-2, -3)$
5) $(4, 4)$
6) $(-3, -3)$
7) $(3, -3)$
8) $(3, 2)$
9) $(-4, 1)$
10) $(2, 2)$

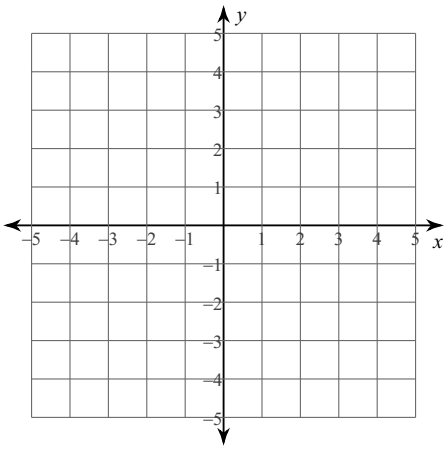
Pre-Calc 11 Name_____ ID: 3

Solving Systems - review

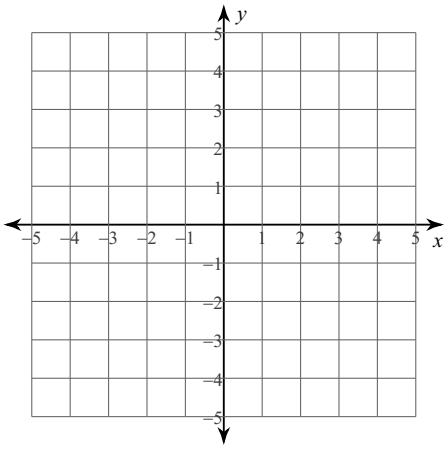
Date_____ Period____

Solve each system by graphing.

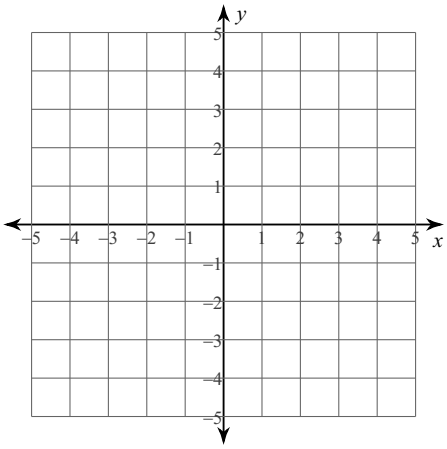
1) $y = -x - 4$
$y = 7x + 4$



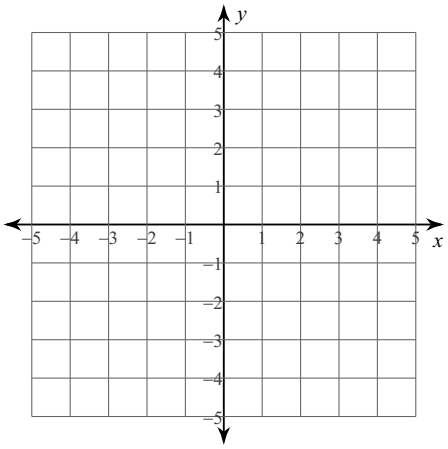
2) $y = x - 3$
$y = -\frac{3}{2}x + 2$



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



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



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

6) $0 = 3y + x - 6$
$-4x + 9 = -3y$

7) $2x = 3y + 12$
$6 - 4x = 3y$

8) $3x = 2y - 2$
$-12 - 4y = 2x$

9) $-3 = x$
$5x = -9 + 3y$

10) $2y - 8 = -x$
$-y = 3 - 3x$

Answers to Solving Systems - review (ID: 3)

1) $(-1, -3)$
2) $(2, -1)$
3) $(4, 1)$
4) $(-2, 3)$
5) $(1, 2)$
6) $(3, 1)$
7) $(3, -2)$
8) $(-2, -2)$
9) $(-3, -2)$
10) $(2, 3)$

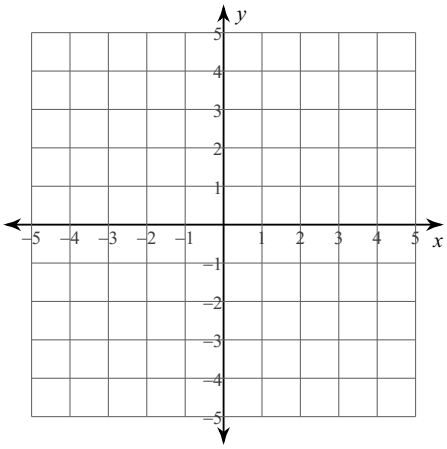
Pre-Calc 11 Name_____ ID: 4

Solving Systems - review

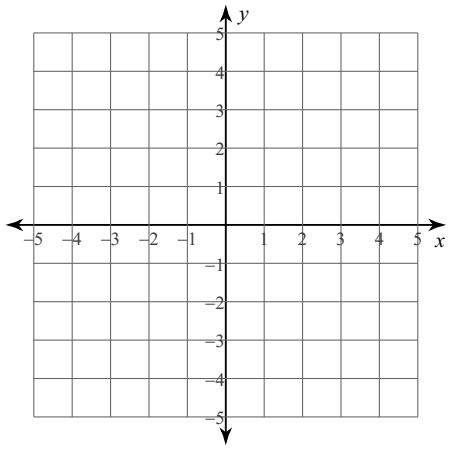
Date_____ Period____

Solve each system by graphing.

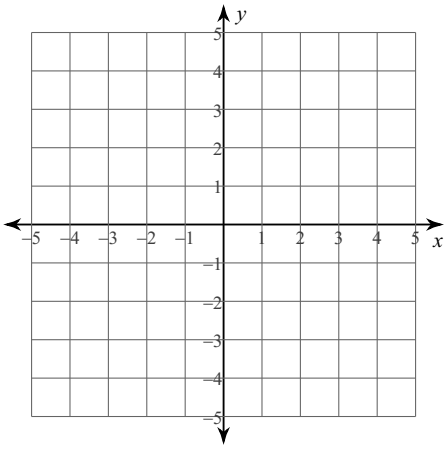
1) $y = \frac{1}{2}x + 1$
$y = -x + 4$



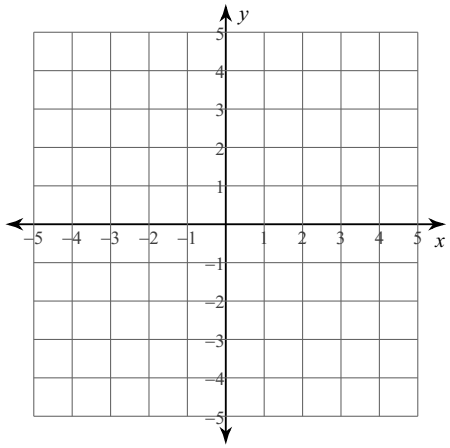
2) $y = \frac{3}{4}x + 2$
$y = -\frac{1}{2}x - 3$



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



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



5) $8 = -x - 4y$
$4y = 12 - 6x$

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

7) $-9 = -5x - 3y$
$6 + 6y = -2x$

8) $12 = 6y + 15x$
$-2y + x = 8$

9) $12 + 4y = -x$
$-12 + 15x = -12y$

10) $3x - 6y = -6$
$x + 6 = -2y$

Answers to Solving Systems - review (ID: 4)

1) $(2, 2)$
2) $(-4, -1)$
3) $(2, -4)$
4) $(1, 4)$
5) $(4, -3)$
6) $(-3, 2)$
7) $(3, -2)$
8) $(2, -3)$
9) $(4, -4)$
10) $(-4, -1)$

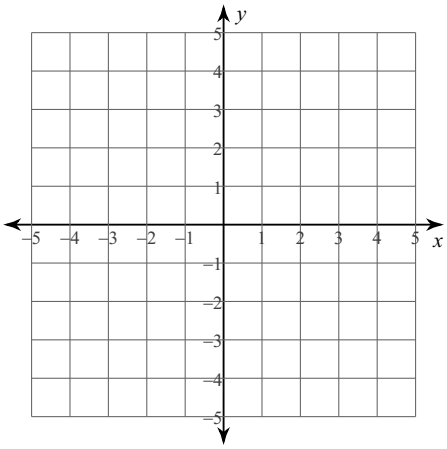
Pre-Calc 11 Name_____ ID: 5

Solving Systems - review

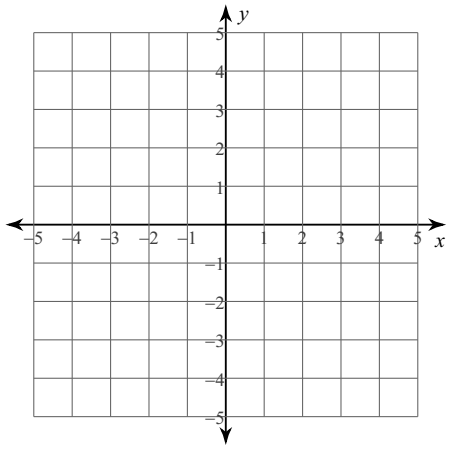
Date_____ Period____

Solve each system by graphing.

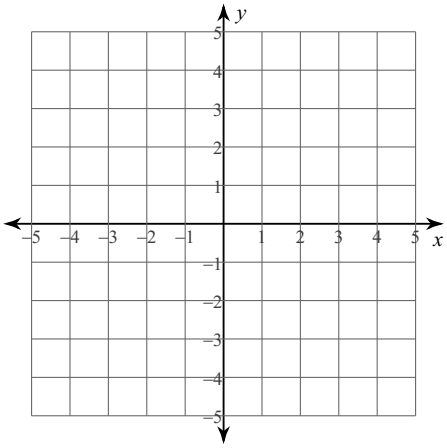
1) $y = \frac{1}{4}x - 3$
$y = 2x + 4$



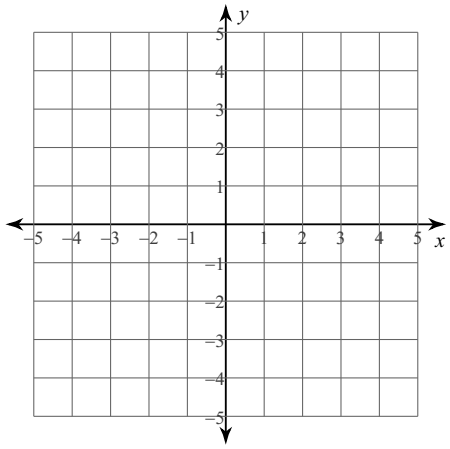
2) $y = \frac{1}{2}x + 4$
$y = -x + 1$



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



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



5) $-2 - 2y + 3x = 0$
$-6 + x = -2y$

6) $5x = 4y - 16$
$x = -6 - 2y$

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

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

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

10) $-y + x + 3 = 0$
$0 = -y - 4 - \frac{5}{2}x$

Answers to Solving Systems - review (ID: 5)

1) $(-4, -4)$
2) $(-2, 3)$
3) $(-1, -4)$
4) $(2, 4)$
5) $(2, 2)$
6) $(-4, -1)$
7) $(-3, 2)$
8) $(-1, 3)$
9) $(1, -3)$
10) $(-2, 1)$

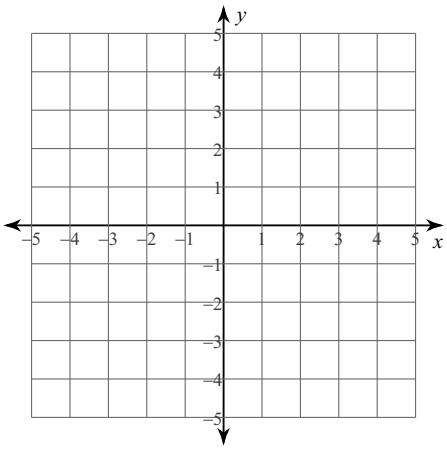
Pre-Calc 11 Name_____ ID: 6

Solving Systems - review

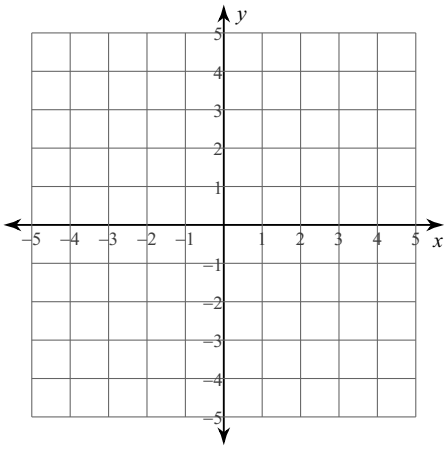
Date_____ Period____

Solve each system by graphing.

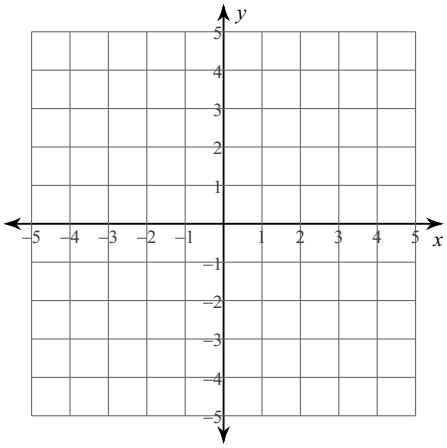
1) $y = x + 3$
$y = -x - 1$



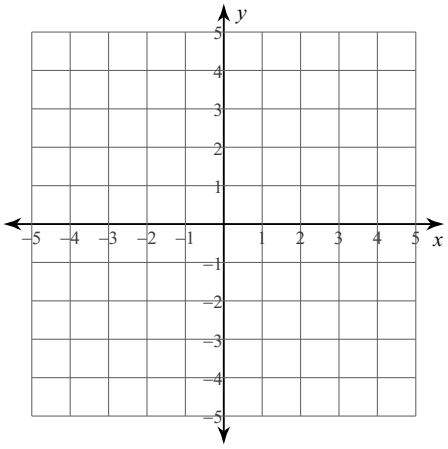
2) $y = -\frac{1}{3}x + 1$
$y = -\frac{4}{3}x - 2$



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



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



5) $-y + 7x + 3 = 0$
$0 = -y + x - 3$

6) $-\frac{2}{3}x = -y - 2$
$9 - 3y = -7x$

7) $0 = -2y - 4 - x$
$x - 8 = 2y$

8) $x = -2y + 2$
$0 = x + \frac{2}{3}y + \frac{2}{3}$

9) $-5x + 3y = -6$
$12 = x + 3y$

10) $-x + 2 = 2y$
$2y - x - 6 = 0$

Answers to Solving Systems - review (ID: 6)

1) $(-2, 1)$
2) $(-3, 2)$
3) $(-2, -1)$
4) $(-3, 4)$
5) $(-1, -4)$
6) $(-3, -4)$
7) $(2, -3)$
8) $(-2, 2)$
9) $(3, 3)$
10) $(-2, 2)$