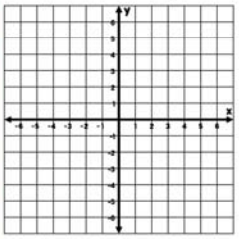
1

Solve the linear system by graphing.

$$\begin{cases} y = 3x \\ y = 4x - 1 \end{cases}$$

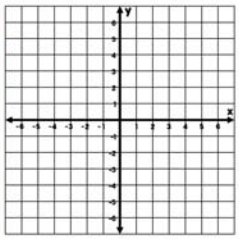


Solution: _____

2

Solve the linear system by graphing.

$$\begin{cases} 2x + y = -4 \\ x + 4y = 12 \end{cases}$$



Solution: _____

3

Solve the linear system using substitution.

$$\begin{cases} y = 2x \\ y = x + 5 \end{cases}$$

Solution: _____

4

Solve the linear system using substitution.

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

Solution: _____

5

Solve the linear system using elimination.

$$\begin{cases} x - 2y = -19 \\ 5x + 2y = 1 \end{cases}$$

Solution: _____

6

Solve the linear system using elimination.

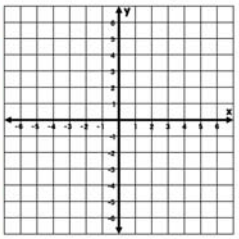
$$\begin{cases} y + 3x = -2 \\ 2y - 3x = 14 \end{cases}$$

Solution: _____

7

Solve the linear system by graphing.

$$\begin{cases} y = 2x - 1 \\ y = -x + 5 \end{cases}$$

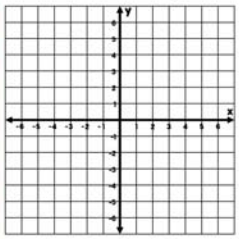


Solution: _____

8

Solve the linear system by graphing.

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



Solution: _____

9

Solve the linear system using substitution.

$$\begin{cases} x = 2y - 4 \\ x + 8y = 16 \end{cases}$$

Solution: _____

10

Solve the linear system using substitution.

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

Solution: _____

11

Solve the linear system using elimination.

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

Solution: _____

12

Solve the linear system using elimination.

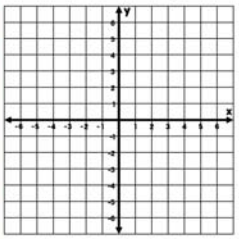
$$\begin{cases} 3x + 3y = 15 \\ -2x + 3y = -5 \end{cases}$$

Solution: _____

13

Solve the linear system by graphing.

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

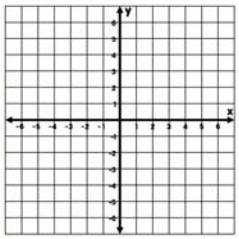


Solution: _____

14

Solve the linear system by graphing.

$$\begin{cases} y = x \\ y + x = 6 \end{cases}$$



Solution: _____

15

Solve the linear system using substitution.

$$\begin{cases} y = x + 1 \\ 4x + y = 6 \end{cases}$$

Solution: _____

16

Solve the linear system using substitution.

$$\begin{cases} -x + y = -4 \\ y = 2x - 11 \end{cases}$$

Solution: _____

17

Solve the linear system using elimination.

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

Solution: _____

18

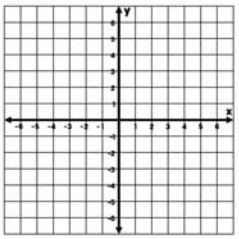
Solve the linear system using elimination.

$$\begin{cases} 4x + y = 0 \\ x + y = -3 \end{cases}$$

Solution: _____

19 Solve the linear system by graphing.

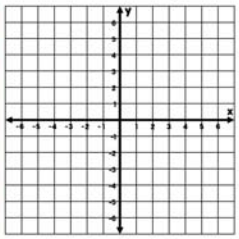
$$\begin{cases} 3y - 2x = -9 \\ y + x = 2 \end{cases}$$



Solution: _____

20 Solve the linear system by graphing.

$$\begin{cases} 3y = -x + 15 \\ 2x - 2y = -2 \end{cases}$$



Solution: _____

21 Solve the linear system using substitution.

$$\begin{cases} 4y - 5x = 9 \\ x - 4y = 11 \end{cases}$$

Solution: _____

22 Solve the linear system using substitution.

$$\begin{cases} -2x + y = 8 \\ 3x + 2y = 9 \end{cases}$$

Solution: _____

23 Solve the linear system using elimination.

$$\begin{cases} x + y = 12 \\ 2x + 5y = 27 \end{cases}$$

Solution: _____

24 Solve the linear system using elimination.

$$\begin{cases} -5x + 2y = 32 \\ 2x + 3y = 10 \end{cases}$$

Solution: _____

M A T H O

(7,3)	(11,1)	(1,2)	(3,3)	(1,-4)
(-3,8)	(3,4)	(2,1)	(1,1)	(-2,4)
(3,-1)	(-4,4)	**FREE**	(4,1)	(2,3)
(-4,6)	(-5,-4)	(5,10)	(1,3)	(0,2)
(-1,6)	(3,-3)	(1,-2)	(3,-10)	(3,-2)

M A T H O

(3,-3)	(1,1)	(2,3)	(7,3)	(-1,6)
(1,3)	(-5,-4)	(1,-4)	(-4,4)	(2,1)
(3,-2)	(-2,4)	**FREE**	(-4,6)	(5,10)
(-3,8)	(3,-10)	(3,3)	(11,1)	(1,2)
(1,-2)	(3,-1)	(0,2)	(3,4)	(4,1)

M A T H O

(5,10)	(11,1)	(1,2)	(1,-2)	(1,3)
(-4,6)	(-3,8)	(0,2)	(1,-4)	(2,3)
(3,-1)	(4,1)	**FREE**	(-2,4)	(-5,-4)
(3,-2)	(3,4)	(1,1)	(3,3)	(7,3)
(3,-10)	(-1,6)	(2,1)	(3,-3)	(-4,4)

M A T H O

(-2,4)	(1,-2)	(2,3)	(-4,4)	(1,1)
(1,2)	(3,3)	(3,-1)	(4,1)	(5,10)
(7,3)	(-5,-4)	**FREE**	(3,4)	(11,1)
(-1,6)	(3,-2)	(3,-3)	(2,1)	(1,-4)
(0,2)	(-4,6)	(1,3)	(-3,8)	(3,-10)

M A T H O

(-4,6)	(-2,4)	(11,1)	(-1,6)	(2,1)
(-3,8)	(1,-2)	(3,3)	(1,2)	(3,-10)
(0,2)	(4,1)	**FREE**	(1,1)	(3,-3)
(2,3)	(1,-4)	(-4,4)	(1,3)	(5,10)
(3,-1)	(7,3)	(3,-2)	(-5,-4)	(3,4)

M A T H O

(3,-2)	(-4,4)	(1,1)	(0,2)	(3,3)
(3,-10)	(1,-2)	(11,1)	(7,3)	(3,-3)
(2,3)	(-3,8)	**FREE**	(4,1)	(5,10)
(2,1)	(-4,6)	(1,3)	(-5,-4)	(1,-4)
(-1,6)	(3,4)	(3,-1)	(-2,4)	(1,2)

M A T H O

(1,2)	(1,-4)	(11,1)	(3,4)	(-3,8)
(2,3)	(5,10)	(-4,6)	(-4,4)	(3,-2)
(3,-10)	(1,3)	**FREE**	(-5,-4)	(4,1)
(3,-1)	(3,-3)	(1,1)	(1,-2)	(0,2)
(-2,4)	(7,3)	(2,1)	(-1,6)	(3,3)

M A T H O

(1,2)	(1,3)	(2,1)	(1,-4)	(-2,4)
(3,3)	(-4,6)	(-4,4)	(3,-3)	(3,-2)
(1,-2)	(3,4)	**FREE**	(3,-1)	(-5,-4)
(7,3)	(-3,8)	(4,1)	(2,3)	(11,1)
(5,10)	(1,1)	(3,-10)	(0,2)	(-1,6)

M A T H O

(-4,6)	(-5,-4)	(7,3)	(3,-3)	(1,3)
(-2,4)	(0,2)	(11,1)	(3,4)	(2,3)
(5,10)	(1,2)	**FREE**	(-3,8)	(3,-10)
(1,-2)	(1,1)	(-1,6)	(3,3)	(3,-2)
(3,-1)	(-4,4)	(1,-4)	(2,1)	(4,1)

M A T H O

(1,1)	(5,10)	(3,-2)	(1,-2)	(4,1)
(1,-4)	(-5,-4)	(2,3)	(-1,6)	(0,2)
(-4,4)	(1,2)	**FREE**	(3,-1)	(1,3)
(-2,4)	(-4,6)	(3,-3)	(-3,8)	(2,1)
(3,-10)	(7,3)	(3,4)	(11,1)	(3,3)

M A T H O

(4,1)	(-3,8)	(2,3)	(3,-10)	(0,2)
(3,-2)	(-4,4)	(11,1)	(3,-3)	(1,2)
(1,3)	(3,3)	**FREE**	(-4,6)	(2,1)
(1,1)	(-2,4)	(1,-2)	(3,4)	(5,10)
(3,-1)	(-1,6)	(7,3)	(-5,-4)	(1,-4)

M A T H O

(3,-1)	(4,1)	(-4,6)	(1,-4)	(3,-10)
(7,3)	(2,1)	(-3,8)	(-1,6)	(1,3)
(1,1)	(0,2)	**FREE**	(3,-2)	(2,3)
(-4,4)	(1,2)	(3,4)	(3,-3)	(5,10)
(3,3)	(11,1)	(-5,-4)	(1,-2)	(-2,4)

M A T H O

(1,-2)	(2,3)	(-1,6)	(-4,4)	(5,10)
(3,-1)	(0,2)	(3,-10)	(1,1)	(1,3)
(1,2)	(-4,6)	**FREE**	(-5,-4)	(3,3)
(4,1)	(3,-2)	(3,-3)	(1,-4)	(3,4)
(-3,8)	(7,3)	(2,1)	(-2,4)	(11,1)

M A T H O

(-3,8)	(-5,-4)	(3,4)	(7,3)	(3,-2)
(-4,6)	(1,-4)	(3,3)	(2,3)	(2,1)
(3,-10)	(-1,6)	**FREE**	(1,-2)	(0,2)
(11,1)	(3,-3)	(5,10)	(4,1)	(3,-1)
(1,2)	(-4,4)	(1,3)	(1,1)	(-2,4)

M A T H O

(2,1)	(3,-2)	(0,2)	(5,10)	(1,1)
(3,-1)	(3,-3)	(-5,-4)	(1,-4)	(1,3)
(-4,6)	(3,-10)	**FREE**	(2,3)	(1,-2)
(3,3)	(3,4)	(-2,4)	(7,3)	(4,1)
(-3,8)	(1,2)	(-1,6)	(-4,4)	(11,1)

M A T H O

(1,2)	(-3,8)	(-5,-4)	(1,-4)	(3,4)
(3,-1)	(3,-10)	(-4,4)	(5,10)	(3,3)
(1,-2)	(-2,4)	**FREE**	(0,2)	(7,3)
(1,3)	(3,-2)	(-4,6)	(4,1)	(11,1)
(-1,6)	(3,-3)	(2,1)	(1,1)	(2,3)

M A T H O

(2,3)	(-3,8)	(3,-10)	(3,-3)	(-4,6)
(-2,4)	(0,2)	(3,-1)	(7,3)	(1,1)
(1,2)	(4,1)	**FREE**	(3,4)	(1,-2)
(-4,4)	(-5,-4)	(-1,6)	(3,3)	(2,1)
(3,-2)	(1,3)	(5,10)	(11,1)	(1,-4)

M A T H O

(4,1)	(3,-3)	(1,3)	(-4,6)	(-4,4)
(5,10)	(3,4)	(3,-2)	(3,-1)	(7,3)
(2,1)	(1,1)	**FREE**	(1,-4)	(1,2)
(11,1)	(-2,4)	(1,-2)	(3,-10)	(-5,-4)
(2,3)	(-3,8)	(0,2)	(3,3)	(-1,6)

M A T H O

(1,1)	(3,-3)	(7,3)	(-2,4)	(-4,6)
(11,1)	(5,10)	(1,3)	(3,3)	(-3,8)
(3,-2)	(1,-4)	**FREE**	(1,2)	(-1,6)
(1,-2)	(-5,-4)	(-4,4)	(2,1)	(3,-1)
(0,2)	(4,1)	(2,3)	(3,-10)	(3,4)

M A T H O

(1,1)	(1,-4)	(11,1)	(3,-1)	(-4,6)
(3,-3)	(4,1)	(-3,8)	(3,-2)	(2,1)
(7,3)	(1,2)	**FREE**	(-2,4)	(-5,-4)
(1,3)	(1,-2)	(0,2)	(-4,4)	(5,10)
(-1,6)	(3,4)	(3,3)	(3,-10)	(2,3)

M A T H O

(-4,6)	(4,1)	(1,-4)	(3,-2)	(7,3)
(-1,6)	(5,10)	(3,-1)	(-2,4)	(1,2)
(2,3)	(0,2)	**FREE**	(2,1)	(1,-2)
(3,-10)	(-5,-4)	(3,3)	(-3,8)	(-4,4)
(3,-3)	(1,3)	(3,4)	(1,1)	(11,1)

M A T H O

(7,3)	(0,2)	(1,3)	(-4,6)	(-5,-4)
(3,-3)	(5,10)	(3,3)	(1,2)	(-1,6)
(3,-2)	(1,-4)	**FREE**	(-3,8)	(1,1)
(2,1)	(1,-2)	(4,1)	(-2,4)	(-4,4)
(3,4)	(11,1)	(3,-10)	(2,3)	(3,-1)

M A T H O

(1,-2)	(11,1)	(2,3)	(1,3)	(1,-4)
(-4,4)	(3,4)	(3,-2)	(1,2)	(3,3)
(-1,6)	(-5,-4)	**FREE**	(2,1)	(-4,6)
(-3,8)	(0,2)	(3,-3)	(-2,4)	(1,1)
(3,-1)	(7,3)	(3,-10)	(4,1)	(5,10)

M A T H O

(-1,6)	(3,-2)	(4,1)	(3,-10)	(2,3)
(1,3)	(7,3)	(1,2)	(3,4)	(1,-2)
(-4,4)	(5,10)	**FREE**	(0,2)	(-3,8)
(-2,4)	(-5,-4)	(3,-3)	(2,1)	(1,-4)
(1,1)	(-4,6)	(3,3)	(11,1)	(3,-1)

M A T H O

(3,3)	(1,-2)	(3,-3)	(-4,4)	(3,-10)
(11,1)	(3,-2)	(2,1)	(-2,4)	(4,1)
(3,-1)	(1,2)	**FREE**	(-5,-4)	(-1,6)
(2,3)	(7,3)	(1,-4)	(-3,8)	(1,1)
(0,2)	(1,3)	(-4,6)	(3,4)	(5,10)

M A T H O

(5,10)	(11,1)	(1,-4)	(1,1)	(3,-10)
(-4,6)	(1,3)	(2,3)	(3,-3)	(0,2)
(1,-2)	(3,3)	**FREE**	(2,1)	(-5,-4)
(-1,6)	(-3,8)	(1,2)	(-2,4)	(3,4)
(3,-2)	(4,1)	(-4,4)	(7,3)	(3,-1)

M A T H O

(-4,6)	(11,1)	(3,4)	(-3,8)	(0,2)
(-2,4)	(5,10)	(1,2)	(7,3)	(3,-10)
(3,-2)	(1,-2)	**FREE**	(1,1)	(1,-4)
(3,3)	(4,1)	(-4,4)	(2,1)	(2,3)
(-1,6)	(1,3)	(3,-1)	(3,-3)	(-5,-4)

M A T H O

(2,1)	(11,1)	(7,3)	(1,-2)	(3,-10)
(0,2)	(-1,6)	(3,-1)	(3,3)	(4,1)
(-4,6)	(5,10)	**FREE**	(-2,4)	(-5,-4)
(1,-4)	(-4,4)	(1,2)	(3,-3)	(2,3)
(1,1)	(3,4)	(-3,8)	(1,3)	(3,-2)

M A T H O

(-1,6)	(3,3)	(-4,6)	(3,4)	(2,1)
(-4,4)	(-5,-4)	(-3,8)	(1,1)	(11,1)
(3,-1)	(3,-10)	**FREE**	(-2,4)	(4,1)
(0,2)	(2,3)	(5,10)	(1,-2)	(1,-4)
(1,2)	(3,-2)	(3,-3)	(7,3)	(1,3)

M A T H O

(0,2)	(1,1)	(7,3)	(1,3)	(-5,-4)
(1,2)	(4,1)	(2,1)	(3,-2)	(-4,4)
(3,-3)	(3,4)	**FREE**	(-4,6)	(-3,8)
(3,3)	(5,10)	(-2,4)	(1,-4)	(1,-2)
(3,-1)	(2,3)	(-1,6)	(11,1)	(3,-10)

M A T H O

(3,-10)	(3,3)	(3,-2)	(1,2)	(-4,4)
(-5,-4)	(3,-3)	(2,3)	(7,3)	(0,2)
(-2,4)	(-3,8)	**FREE**	(3,4)	(1,3)
(1,-2)	(-4,6)	(-1,6)	(1,1)	(11,1)
(4,1)	(1,-4)	(2,1)	(5,10)	(3,-1)

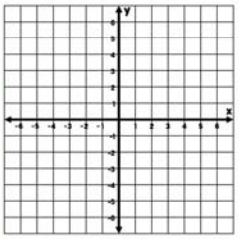
M A T H O

(1,1)	(1,2)	(-5,-4)	(0,2)	(-3,8)
(2,1)	(3,-3)	(1,-2)	(2,3)	(11,1)
(3,4)	(-1,6)	**FREE**	(3,3)	(-2,4)
(3,-10)	(-4,4)	(-4,6)	(1,-4)	(4,1)
(1,3)	(3,-1)	(5,10)	(3,-2)	(7,3)

1 home

Solve the linear system by graphing.

$$\begin{cases} y = 3x \\ y = 4x - 1 \end{cases}$$

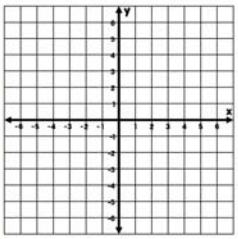


Solution: (1,3)

2 home

Solve the linear system by graphing.

$$\begin{cases} 2x + y = -4 \\ x + 4y = 12 \end{cases}$$



Solution: (-4,4)

3 home

Solve the linear system using substitution.

$$\begin{cases} y = 2x \\ y = x + 5 \end{cases}$$

Solution: (5,10)

4 home

Solve the linear system using substitution.

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

Solution: (2,1)

5 home

Solve the linear system using elimination.

$$\begin{cases} x - 2y = -19 \\ 5x + 2y = 1 \end{cases}$$

Solution: (-3,8)

6 home

Solve the linear system using elimination.

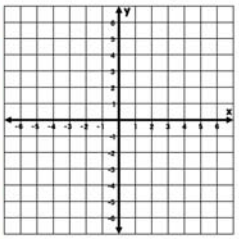
$$\begin{cases} y + 3x = -2 \\ 2y - 3x = 14 \end{cases}$$

Solution: (-2,4)

7 home

Solve the linear system by graphing.

$$\begin{cases} y = 2x - 1 \\ y = -x + 5 \end{cases}$$

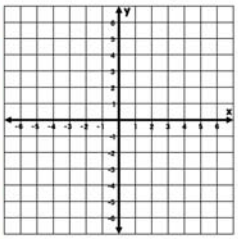


Solution: (2,3)

8 home

Solve the linear system by graphing.

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



Solution: (1,-2)

9 home

Solve the linear system using substitution.

$$\begin{cases} x = 2y - 4 \\ x + 8y = 16 \end{cases}$$

Solution: (0,2)

10 home

Solve the linear system using substitution.

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

Solution: (3,-10)

11 home

Solve the linear system using elimination.

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

Solution: (1,1)

12 home

Solve the linear system using elimination.

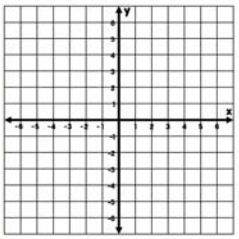
$$\begin{cases} 3x + 3y = 15 \\ -2x + 3y = -5 \end{cases}$$

Solution: (4,1)

13 home

Solve the linear system by graphing.

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

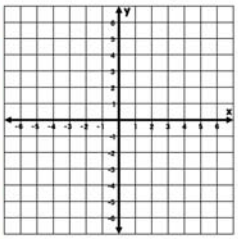


Solution: (3,-2)

14 home

Solve the linear system by graphing.

$$\begin{cases} y = x \\ y + x = 6 \end{cases}$$



Solution: (3,3)

15 home

Solve the linear system using substitution.

$$\begin{cases} y = x + 1 \\ 4x + y = 6 \end{cases}$$

Solution: (1,2)

16 home

Solve the linear system using substitution.

$$\begin{cases} -x + y = -4 \\ y = 2x - 11 \end{cases}$$

Solution: (7,3)

17 home

Solve the linear system using elimination.

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

Solution: (3,-3)

18 home

Solve the linear system using elimination.

$$\begin{cases} 4x + y = 0 \\ x + y = -3 \end{cases}$$

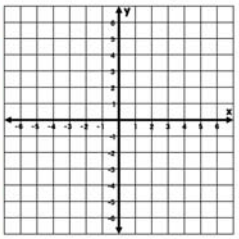
Solution: (1,-4)

home

19

Solve the linear system by graphing.

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



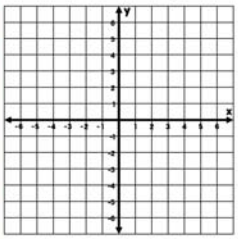
Solution: (3,-1)

home

20

Solve the linear system by graphing.

$$\begin{cases} 3y = -x + 15 \\ 2x - 2y = -2 \end{cases}$$



Solution: (3,4)

home

21

Solve the linear system using substitution.

$$\begin{cases} 4y - 5x = 9 \\ x - 4y = 11 \end{cases}$$

Solution: (-5,-4)

home

22

Solve the linear system using substitution.

$$\begin{cases} -2x + y = 8 \\ 3x + 2y = 9 \end{cases}$$

Solution: (-1,6)

home

23

Solve the linear system using elimination.

$$\begin{cases} x + y = 12 \\ 2x + 5y = 27 \end{cases}$$

Solution: (11,1)

home

24

Solve the linear system using elimination.

$$\begin{cases} -5x + 2y = 32 \\ 2x + 3y = 10 \end{cases}$$

Solution: (-4,6)