#1

Solve using elimination.

$$4x+2y = 8$$
 $-4x+4y = 4$ 
 $( )$ 

Show your work

#2

Solve using elimination.

Show your work

#3

Solve using elimination.

$$x+6y=4$$

$$x - 6y = 4$$

(-4,0)

 $\bigcirc \quad (4,0)$ 

 $\bigcirc$  (0, -3)

 $\bigcirc \quad (0,3)$ 

Name:

#4

Solve using elimination.

$$x+y=6$$

$$8x - 1y = 3$$

(-1, -5)

 $\bigcirc (1,5)$ 

(1,-1)

(-1,1)

Show your work

#5

Solve using elimination.

$$x + y = 6$$

$$8x - 1y = 3$$

(-3, -1)

 $\bigcirc (3,1)$ 

 $\bigcirc (1,5)$ 

(-1, -5)

Show your work

#6

Solve using elimination.

$$4x+2y = 8$$
 $-4x+4y = 4$ 

(-4, -1)

 $\bigcirc$  (1,2)

 $\bigcirc$  (4, 1)

 $\bigcirc$  (-1, -2)

#7

Solve using elimination.

$$5x + y = 6$$

$$7x - 1y = 6$$

 $\bigcirc$  (-1, -1)

 $\bigcirc \quad (1,1)$ 

(1, -5)

(-1,5)

Show your work

#8

Solve using elimination.

$$7x + y = 3$$

$$x - 1y = 5$$

(-1,4)

 $\bigcirc$  (1,-4)

 $\bigcirc (2,2)$ 

(-2, -2)

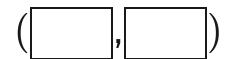
Show your work

#9

Solve using elimination.

$$3x + 8y = 8$$

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



#10

Solve using elimination.

$$3x+y = 8$$

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

$$( )$$

Show your work

#11

Solve using substitution.

$$x+6y = 6$$
$$6x+6y = 6$$

(-5,2)

0 (0, -1)

 $\bigcirc$  (0,1)

 $\bigcirc$  (5, -2)

Show your work

#12

Solve using elimination.

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

 $\bigcirc$  (2, -1)

(-2,1)

 $\bigcirc$  (1,1)

 $\bigcirc$  (-1, -1)

## **x+y** | Solve a System of Equations Using Elimination

Answer Key

Question	Answer
#1	1, 2
#2	1, 4
#3	choice 2
#4	choice 2
#5	choice 3
#6	choice 2
#7	choice 2
#8	choice 2
#9	0, 1
#10	2, 2
#11	choice 3
#12	choice 2