

#1

Solve by graphing.

$$y = -x + 3$$

$$y = 4x - 2$$

#2

Solve by substitution.

$$y = 2x - 10$$

$$2y = x - 8$$

#3

Solve by elimination.

$$x + y = 2$$

$$x - y = 4$$

#4

Solve by any method.

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

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

5

Solve by any method.

$$y = -x + 4$$

$$y = 3x$$

6

Solve by any method.

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

$$y = -3x + 5$$

7

Solve by any method.

$$2y = x + 1$$

$$-2x - y = 7$$

8

Solve by any method.

$$x + 2y = 14$$

$$y = 3x - 14$$

9

Solve by any method.

$$y = 3x + 5$$

$$x + y = -3$$

10

Solve by any method.

$$x + 2y = 3$$

$$x - y = 6$$

11

Solve by any method.

$$2x - 4y = -6$$

$$x - y = -1$$

12

Solve by any method.

$$-4x - 3y = 5$$

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

#13

Write & solve a system of equations to represent the situation.

The sum of two numbers is 27.
The larger number is 3 more than the smaller number. What are the two numbers?

#14

Write & solve a system of equations to represent the situation.

A movie store is selling DVDs for \$9 & \$15. You buy 8 DVDs for a total of \$84. How many DVDs of each price did you buy?

#15

Write & solve a system of equations to represent the situation.

Your team ordered a total of 71 sweatshirts. Large boxes hold 12 sweatshirts & small boxes hold 5. You received 10 boxes total. How many of each type of box were used?

#16

Write & solve a system of equations to represent the situation.

A farm raises a total of 220 chickens and pigs. The number of legs of the stock in the farm totals 520. How many chickens and pigs are at the farm?



