

Simultaneous Simultaneous Equations



Group 2 Questions

Name: _____

Date: _____

Solve the equations:

Question 1:

$$x + y = 12$$

$$x = \underline{\hspace{2cm}}$$

$$x - y = 8$$

$$y = \underline{\hspace{2cm}}$$

Question 2:

$$x - y = 16$$

$$x = \underline{\hspace{2cm}}$$

$$x + y = 28$$

$$y = \underline{\hspace{2cm}}$$

Question 3:

$$2x + y = 11$$

$$x = \underline{\hspace{2cm}}$$

$$x + y = 8$$

$$y = \underline{\hspace{2cm}}$$

Question 4:

$$2x - 3y = 18$$

$$x = \underline{\hspace{2cm}}$$

$$5x + 9y = -10$$

$$y = \underline{\hspace{2cm}}$$

Question 5:

Four pens and six books cost £38. Two books and one pen cost £9.

$$4x + 6y = £38$$

$$2x + y = £9$$

What does the pen (x) and book (y) cost?

$$x = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$