

Simultaneous Equations - 1

Solve the following simultaneous equations.

1.

$$3x + 5y = 21$$

$$3x + 7y = 27$$

2.

$$5x + 4y = 13$$

$$2x + 4y = 10$$

3.

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

$$x + 3y = 2$$

4.

$$6x + 2y = 20$$

$$6x + 5y = 23$$

5.

$$3x + y = -4$$

$$3x + 5y = 4$$

6.

$$5x + 2y = -13$$

$$x + 2y = -1$$

7.

$$5x - 3y = -8$$

$$3x - 3y = -6$$

8.

$$2x - 4y = 4$$

$$5x - 4y = 16$$

9.

$$-2x + 8y = 28$$

$$-2x + 5y = 19$$

10.

$$3x - 2y = 1$$

$$5x - 2y = 3$$

11.

$$3x + 2y = 8$$

$$6x - 2y = 10$$

12.

$$8x - 4y = 28$$

$$2x + 4y = 2$$

13.

$$4x + 2y = 6$$

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

14.

$$x + 3y = -1$$

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

15.

$$4x - y = 18$$

$$2x + y = 12$$

16.

$$4x - 3y = 25$$

$$6x - 3y = 33$$

17.

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

$$5x - 2y = 11$$

18.

$$-2x + y = -22$$

$$-2x - 3y = -14$$

19.

$$4x - y = 22$$

$$4x + y = 26$$

20.

$$x + 3y = -2$$

$$x - 5y = 22$$