

Solving Simultaneous Equations - A

Use elimination to solve the pairs of simultaneous equations.

1. $x + 3y = 6$

$$x - y = 2$$

10. $x + 3y = 7$

$$x + 7y = 19$$

2. $3x + 2y = 9$

$$x - 2y = -5$$

11. $4x + y = 1$

$$7x - y = -12$$

3. $4x - y = -12$

$$4x + 2y = 0$$

12. $3x + 7y = 34$

$$3x - y = 2$$

4. $x + 4y = 14$

$$x + y = 5$$

13. $3x - 2y = 22$

$$x - 2y = 2$$

5. $2x + y = -3$

$$2x + 3y = 3$$

14. $x - 2y = 0$

$$x - 5y = -6$$

6. $x - 2y = -7$

$$x + y = 5$$

15. $3x + y = 11$

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

7. $6x + 4y = 62$

$$3x + 4y = 47$$

16. $-4x + y = 5$

$$-4x + 4y = 32$$

8. $2x - 5y = -27$

$$4x - 5y = -19$$

17. $2x + 4y = -18$

$$2x + 3y = -15$$

9. $3x - 2y = 16$

$$2x + 2y = 14$$

18. $3x + y = 23$

$$3x - 2y = 17$$