

## Simple Linear Equations

Solve for each variable.

1.  $3c + 6 = 18$

6.  $2a + 8 = 16$

11.  $3a + 1 = 4$

2.  $3v + 9 = 15$

7.  $3a + 2 = 17$

12.  $3u - 8 = 4$

3.  $3z + 3 = 27$

8.  $2y - 10 = 8$

13.  $3y + 3 = 12$

4.  $3c + 2 = 2$

9.  $3x - 1 = 14$

14.  $2c - 2 = 6$

5.  $3a - 5 = 7$

10.  $2z + 3 = 23$

15.  $3c - 4 = 14$

## Simple Linear Equations Answers

Solve for each variable.

1.  $3c + 6 = 18$   
 $c = 4$

6.  $2a + 8 = 16$   
 $a = 4$

11.  $3a + 1 = 4$   
 $a = 1$

2.  $3v + 9 = 15$   
 $v = 2$

7.  $3a + 2 = 17$   
 $a = 5$

12.  $3u - 8 = 4$   
 $u = 4$

3.  $3z + 3 = 27$   
 $z = 8$

8.  $2y - 10 = 8$   
 $y = 9$

13.  $3y + 3 = 12$   
 $y = 3$

4.  $3c + 2 = 2$   
 $c = 0$

9.  $3x - 1 = 14$   
 $x = 5$

14.  $2c - 2 = 6$   
 $c = 4$

5.  $3a - 5 = 7$   
 $a = 4$

10.  $2z + 3 = 23$   
 $z = 10$

15.  $3c - 4 = 14$   
 $c = 6$