

## Simple Linear Equations

Solve for each variable.

1.  $3z + 4 = 34$

6.  $3x + 2 = 5$

11.  $3z + 5 = 8$

2.  $2u + 10 = 22$

7.  $2a + 4 = 14$

12.  $2c + 4 = 22$

3.  $2y + 1 = 17$

8.  $2c + 6 = 18$

13.  $2x + 5 = 23$

4.  $3c + 8 = 14$

9.  $2x + 8 = 22$

14.  $2v + 3 = 23$

5.  $2c + 7 = 17$

10.  $2u + 4 = 10$

15.  $2c + 7 = 21$

## Simple Linear Equations Answers

Solve for each variable.

1.  $3z + 4 = 34$   
 $z = 10$

6.  $3x + 2 = 5$   
 $x = 1$

11.  $3z + 5 = 8$   
 $z = 1$

2.  $2u + 10 = 22$   
 $u = 6$

7.  $2a + 4 = 14$   
 $a = 5$

12.  $2c + 4 = 22$   
 $c = 9$

3.  $2y + 1 = 17$   
 $y = 8$

8.  $2c + 6 = 18$   
 $c = 6$

13.  $2x + 5 = 23$   
 $x = 9$

4.  $3c + 8 = 14$   
 $c = 2$

9.  $2x + 8 = 22$   
 $x = 7$

14.  $2v + 3 = 23$   
 $v = 10$

5.  $2c + 7 = 17$   
 $c = 5$

10.  $2u + 4 = 10$   
 $u = 3$

15.  $2c + 7 = 21$   
 $c = 7$