

## Simple Linear Equations (H)

Solve for each variable.

1.  $3v + 3 = 24$

6.  $3u + 1 = 7$

11.  $3c + 9 = 27$

2.  $3v + 8 = 26$

7.  $2c + 2 = 12$

12.  $3x + 4 = 7$

3.  $2v - 3 = 11$

8.  $3v - 3 = 15$

13.  $2a - 5 = 5$

4.  $3z - 1 = 17$

9.  $3a + 9 = 15$

14.  $3c + 10 = 37$

5.  $3b - 7 = 11$

10.  $3y + 5 = 29$

15.  $2b + 5 = 21$

## Simple Linear Equations (H) Answers

Solve for each variable.

1.  $3v + 3 = 24$   
 $v = 7$

6.  $3u + 1 = 7$   
 $u = 2$

11.  $3c + 9 = 27$   
 $c = 6$

2.  $3v + 8 = 26$   
 $v = 6$

7.  $2c + 2 = 12$   
 $c = 5$

12.  $3x + 4 = 7$   
 $x = 1$

3.  $2v - 3 = 11$   
 $v = 7$

8.  $3v - 3 = 15$   
 $v = 6$

13.  $2a - 5 = 5$   
 $a = 5$

4.  $3z - 1 = 17$   
 $z = 6$

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

14.  $3c + 10 = 37$   
 $c = 9$

5.  $3b - 7 = 11$   
 $b = 6$

10.  $3y + 5 = 29$   
 $y = 8$

15.  $2b + 5 = 21$   
 $b = 8$