

## Simple Linear Equations (F)

Solve for each variable.

1.  $2v - 8 = -10$

6.  $3b - (-10) = 28$

11.  $2x - 2 = 0$

2.  $2z - (-4) = -14$

7.  $-3u - (-3) = 9$

12.  $2v - 3 = -11$

3.  $2u - 10 = -18$

8.  $-2z - 9 = -3$

13.  $2u - 2 = -4$

4.  $2c - 4 = -12$

9.  $3u - 10 = 20$

14.  $3x - 8 = 7$

5.  $-3u - 6 = -30$

10.  $-3u - (-4) = -17$

15.  $3c - (-1) = 13$

## Simple Linear Equations (F) Answers

Solve for each variable.

1.  $2v - 8 = -10$   
 $v = -1$

6.  $3b - (-10) = 28$   
 $b = 6$

11.  $2x - 2 = 0$   
 $x = 1$

2.  $2z - (-4) = -14$   
 $z = -9$

7.  $-3u - (-3) = 9$   
 $u = -2$

12.  $2v - 3 = -11$   
 $v = -4$

3.  $2u - 10 = -18$   
 $u = -4$

8.  $-2z - 9 = -3$   
 $z = -3$

13.  $2u - 2 = -4$   
 $u = -1$

4.  $2c - 4 = -12$   
 $c = -4$

9.  $3u - 10 = 20$   
 $u = 10$

14.  $3x - 8 = 7$   
 $x = 5$

5.  $-3u - 6 = -30$   
 $u = 8$

10.  $-3u - (-4) = -17$   
 $u = 7$

15.  $3c - (-1) = 13$   
 $c = 4$