

## Simple Linear Equations (B)

Solve for each variable.

1.  $2z - 1 = -13$

6.  $-3c - 10 = 14$

11.  $2a - 10 = 8$

2.  $2z - (-1) = 7$

7.  $3a - 3 = -18$

12.  $2v - (-10) = 16$

3.  $2a - 1 = 19$

8.  $-2v - (-1) = 21$

13.  $2y - (-3) = -17$

4.  $-3a - 4 = 8$

9.  $-3z - (-10) = -17$

14.  $2c - 8 = 8$

5.  $3x - (-9) = -18$

10.  $3x - 2 = -17$

15.  $-3x - 9 = -33$

## Simple Linear Equations (B) Answers

Solve for each variable.

1.  $2z - 1 = -13$   
 $z = -6$

6.  $-3c - 10 = 14$   
 $c = -8$

11.  $2a - 10 = 8$   
 $a = 9$

2.  $2z - (-1) = 7$   
 $z = 3$

7.  $3a - 3 = -18$   
 $a = -5$

12.  $2v - (-10) = 16$   
 $v = 3$

3.  $2a - 1 = 19$   
 $a = 10$

8.  $-2v - (-1) = 21$   
 $v = -10$

13.  $2y - (-3) = -17$   
 $y = -10$

4.  $-3a - 4 = 8$   
 $a = -4$

9.  $-3z - (-10) = -17$   
 $z = 9$

14.  $2c - 8 = 8$   
 $c = 8$

5.  $3x - (-9) = -18$   
 $x = -9$

10.  $3x - 2 = -17$   
 $x = -5$

15.  $-3x - 9 = -33$   
 $x = 8$