

## Simple Linear Equations (A)

Solve for each variable.

1.  $3z + (-10) = -19$

6.  $-3v + 10 = 40$

11.  $-2b + 6 = -10$

2.  $3a + 5 = 2$

7.  $3x + (-8) = -29$

12.  $2y + 9 = -5$

3.  $-2b + 9 = 25$

8.  $-3u + 3 = -21$

13.  $2c + 5 = 11$

4.  $3z + (-2) = -8$

9.  $3b + (-10) = 14$

14.  $-2a + (-2) = 0$

5.  $2x + 6 = 10$

10.  $-3y + (-7) = 23$

15.  $3v + 6 = 15$

## Simple Linear Equations (A) Answers

Solve for each variable.

1.  $3z + (-10) = -19$   
 $z = -3$

6.  $-3v + 10 = 40$   
 $v = -10$

11.  $-2b + 6 = -10$   
 $b = 8$

2.  $3a + 5 = 2$   
 $a = -1$

7.  $3x + (-8) = -29$   
 $x = -7$

12.  $2y + 9 = -5$   
 $y = -7$

3.  $-2b + 9 = 25$   
 $b = -8$

8.  $-3u + 3 = -21$   
 $u = 8$

13.  $2c + 5 = 11$   
 $c = 3$

4.  $3z + (-2) = -8$   
 $z = -2$

9.  $3b + (-10) = 14$   
 $b = 8$

14.  $-2a + (-2) = 0$   
 $a = -1$

5.  $2x + 6 = 10$   
 $x = 2$

10.  $-3y + (-7) = 23$   
 $y = -10$

15.  $3v + 6 = 15$   
 $v = 3$