

## Simple Linear Equations (B)

Solve for each variable.

1.  $3z + (-9) = -9$

6.  $3a + (-2) = -5$

11.  $2x + 10 = 22$

2.  $2x + 3 = 5$

7.  $-2b + 1 = 5$

12.  $-2b + 8 = -8$

3.  $-2y + 5 = 25$

8.  $3b + (-6) = -12$

13.  $2a + 10 = 26$

4.  $-3z + 8 = 35$

9.  $-2b + (-3) = 7$

14.  $3y + 4 = -20$

5.  $2x + (-4) = 14$

10.  $3c + 5 = -13$

15.  $-3u + 8 = 14$

## Simple Linear Equations (B) Answers

Solve for each variable.

1.  $3z + (-9) = -9$   
 $z = 0$

6.  $3a + (-2) = -5$   
 $a = -1$

11.  $2x + 10 = 22$   
 $x = 6$

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

7.  $-2b + 1 = 5$   
 $b = -2$

12.  $-2b + 8 = -8$   
 $b = 8$

3.  $-2y + 5 = 25$   
 $y = -10$

8.  $3b + (-6) = -12$   
 $b = -2$

13.  $2a + 10 = 26$   
 $a = 8$

4.  $-3z + 8 = 35$   
 $z = -9$

9.  $-2b + (-3) = 7$   
 $b = -5$

14.  $3y + 4 = -20$   
 $y = -8$

5.  $2x + (-4) = 14$   
 $x = 9$

10.  $3c + 5 = -13$   
 $c = -6$

15.  $-3u + 8 = 14$   
 $u = -2$