

## Simple Linear Equations (G)

Solve for each variable.

1.  $2u + (-2) = -16$

6.  $3z + 3 = 15$

11.  $3x + 6 = -18$

2.  $3c + 8 = 14$

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

12.  $2u + 4 = 6$

3.  $3z + 10 = 28$

8.  $2x + 8 = 12$

13.  $2b + 4 = -12$

4.  $-2y + 4 = -4$

9.  $3a + (-4) = -4$

14.  $2y + 2 = 2$

5.  $-3u + 9 = 27$

10.  $-3x + 3 = 33$

15.  $3a + 1 = 22$

## Simple Linear Equations (G) Answers

Solve for each variable.

1.  $2u + (-2) = -16$   
 $u = -7$

6.  $3z + 3 = 15$   
 $z = 4$

11.  $3x + 6 = -18$   
 $x = -8$

2.  $3c + 8 = 14$   
 $c = 2$

7.  $3b + (-7) = 5$   
 $b = 4$

12.  $2u + 4 = 6$   
 $u = 1$

3.  $3z + 10 = 28$   
 $z = 6$

8.  $2x + 8 = 12$   
 $x = 2$

13.  $2b + 4 = -12$   
 $b = -8$

4.  $-2y + 4 = -4$   
 $y = 4$

9.  $3a + (-4) = -4$   
 $a = 0$

14.  $2y + 2 = 2$   
 $y = 0$

5.  $-3u + 9 = 27$   
 $u = -6$

10.  $-3x + 3 = 33$   
 $x = -10$

15.  $3a + 1 = 22$   
 $a = 7$