

## Simple Linear Equations (A)

Solve for each variable.

1.  $3b + 9 = -18$

6.  $3c - 9 = -27$

11.  $-2a - 8 = -4$

2.  $3v + 1 = 22$

7.  $-3c - 4 = 2$

12.  $3z - 2 = -26$

3.  $3y - 2 = 10$

8.  $-3c + 8 = -10$

13.  $2u + 7 = 5$

4.  $2z + 1 = 15$

9.  $2c - 8 = -18$

14.  $3a - (-1) = -5$

5.  $-2b - (-7) = 11$

10.  $3a - 5 = -23$

15.  $-2u + (-1) = -13$

## Simple Linear Equations (A) Answers

Solve for each variable.

1.  $3b + 9 = -18$   
 $b = -9$

6.  $3c - 9 = -27$   
 $c = -6$

11.  $-2a - 8 = -4$   
 $a = -2$

2.  $3v + 1 = 22$   
 $v = 7$

7.  $-3c - 4 = 2$   
 $c = -2$

12.  $3z - 2 = -26$   
 $z = -8$

3.  $3y - 2 = 10$   
 $y = 4$

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

13.  $2u + 7 = 5$   
 $u = -1$

4.  $2z + 1 = 15$   
 $z = 7$

9.  $2c - 8 = -18$   
 $c = -5$

14.  $3a - (-1) = -5$   
 $a = -2$

5.  $-2b - (-7) = 11$   
 $b = -2$

10.  $3a - 5 = -23$   
 $a = -6$

15.  $-2u + (-1) = -13$   
 $u = 6$