

Simple Linear Equations (C)

Solve for each variable.

1. $-3u - 4 = 8$

6. $-2z - 7 = 3$

11. $3u - 8 = 1$

2. $3x - (-9) = -12$

7. $3x - 2 = 25$

12. $2y - (-7) = 9$

3. $2u - 7 = -27$

8. $-2a - (-10) = 0$

13. $-2a - 5 = 9$

4. $-2z - 2 = 2$

9. $2x - 2 = 8$

14. $-2v - (-10) = 14$

5. $2v - 4 = 16$

10. $-3z - 7 = 17$

15. $2z - (-2) = -18$

Simple Linear Equations (C) Answers

Solve for each variable.

1. $-3u - 4 = 8$
 $u = -4$

6. $-2z - 7 = 3$
 $z = -5$

11. $3u - 8 = 1$
 $u = 3$

2. $3x - (-9) = -12$
 $x = -7$

7. $3x - 2 = 25$
 $x = 9$

12. $2y - (-7) = 9$
 $y = 1$

3. $2u - 7 = -27$
 $u = -10$

8. $-2a - (-10) = 0$
 $a = 5$

13. $-2a - 5 = 9$
 $a = -7$

4. $-2z - 2 = 2$
 $z = -2$

9. $2x - 2 = 8$
 $x = 5$

14. $-2v - (-10) = 14$
 $v = -2$

5. $2v - 4 = 16$
 $v = 10$

10. $-3z - 7 = 17$
 $z = -8$

15. $2z - (-2) = -18$
 $z = -10$