

Simple Linear Equations (C)

Solve for each variable.

1. $2u + 7 = 25$

6. $3b + 5 = 29$

11. $2y + 6 = -12$

2. $2y + 2 = 2$

7. $-3a + 1 = 19$

12. $2y + (-7) = 13$

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

8. $-2z + (-7) = -17$

13. $3b + 9 = 12$

4. $-2c + 7 = 7$

9. $-3u + (-10) = -1$

14. $3x + 10 = -17$

5. $3u + 2 = -4$

10. $-2y + (-9) = -21$

15. $3x + 4 = -26$

Simple Linear Equations (C) Answers

Solve for each variable.

1. $2u + 7 = 25$
 $u = 9$

6. $3b + 5 = 29$
 $b = 8$

11. $2y + 6 = -12$
 $y = -9$

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

7. $-3a + 1 = 19$
 $a = -6$

12. $2y + (-7) = 13$
 $y = 10$

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

8. $-2z + (-7) = -17$
 $z = 5$

13. $3b + 9 = 12$
 $b = 1$

4. $-2c + 7 = 7$
 $c = 0$

9. $-3u + (-10) = -1$
 $u = -3$

14. $3x + 10 = -17$
 $x = -9$

5. $3u + 2 = -4$
 $u = -2$

10. $-2y + (-9) = -21$
 $y = 6$

15. $3x + 4 = -26$
 $x = -10$