

Simple Linear Equations (J)

Solve for each variable.

1. $3v - 3 = 27$

6. $2y - 1 = 11$

11. $3u - 8 = 19$

2. $3y - 6 = 12$

7. $2z - 5 = 9$

12. $2v - 9 = 5$

3. $3x - 7 = 17$

8. $3x - 8 = 13$

13. $3u - 9 = 18$

4. $3x - 4 = 23$

9. $2a - 7 = 5$

14. $3y - 6 = 12$

5. $2y - 1 = 19$

10. $3b - 2 = 7$

15. $2c - 7 = 3$

Simple Linear Equations (J) Answers

Solve for each variable.

1. $3v - 3 = 27$
 $v = 10$

6. $2y - 1 = 11$
 $y = 6$

11. $3u - 8 = 19$
 $u = 9$

2. $3y - 6 = 12$
 $y = 6$

7. $2z - 5 = 9$
 $z = 7$

12. $2v - 9 = 5$
 $v = 7$

3. $3x - 7 = 17$
 $x = 8$

8. $3x - 8 = 13$
 $x = 7$

13. $3u - 9 = 18$
 $u = 9$

4. $3x - 4 = 23$
 $x = 9$

9. $2a - 7 = 5$
 $a = 6$

14. $3y - 6 = 12$
 $y = 6$

5. $2y - 1 = 19$
 $y = 10$

10. $3b - 2 = 7$
 $b = 3$

15. $2c - 7 = 3$
 $c = 5$