

Simple Linear Equations (J)

Solve for each variable.

1. $3y + 3 = 12$

6. $2b + 6 = 10$

11. $2y + 7 = 11$

2. $2x - 4 = 10$

7. $2x - 9 = 9$

12. $3c - 5 = 19$

3. $3x + 2 = 32$

8. $2x + 1 = 9$

13. $2c - 4 = 0$

4. $3c - 5 = 25$

9. $2v + 9 = 29$

14. $2a + 7 = 13$

5. $3c - 1 = 8$

10. $2a + 2 = 4$

15. $3u + 4 = 10$

Simple Linear Equations (J) Answers

Solve for each variable.

1. $3y + 3 = 12$
 $y = 3$

6. $2b + 6 = 10$
 $b = 2$

11. $2y + 7 = 11$
 $y = 2$

2. $2x - 4 = 10$
 $x = 7$

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

12. $3c - 5 = 19$
 $c = 8$

3. $3x + 2 = 32$
 $x = 10$

8. $2x + 1 = 9$
 $x = 4$

13. $2c - 4 = 0$
 $c = 2$

4. $3c - 5 = 25$
 $c = 10$

9. $2v + 9 = 29$
 $v = 10$

14. $2a + 7 = 13$
 $a = 3$

5. $3c - 1 = 8$
 $c = 3$

10. $2a + 2 = 4$
 $a = 1$

15. $3u + 4 = 10$
 $u = 2$