

Simple Linear Equations (E)

Solve for each variable.

1. $3x - 3 = 27$

6. $2x - 7 = 5$

11. $2b - 10 = 6$

2. $2c - 2 = 10$

7. $3z - 4 = 20$

12. $3c - 2 = 19$

3. $3c - 5 = 10$

8. $2c - 3 = 9$

13. $2c - 5 = 3$

4. $3v - 2 = 28$

9. $2v - 2 = 0$

14. $2b - 2 = 8$

5. $2a - 4 = 10$

10. $3z - 1 = 20$

15. $3v - 1 = 11$

Simple Linear Equations (E) Answers

Solve for each variable.

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

6. $2x - 7 = 5$
 $x = 6$

11. $2b - 10 = 6$
 $b = 8$

2. $2c - 2 = 10$
 $c = 6$

7. $3z - 4 = 20$
 $z = 8$

12. $3c - 2 = 19$
 $c = 7$

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

8. $2c - 3 = 9$
 $c = 6$

13. $2c - 5 = 3$
 $c = 4$

4. $3v - 2 = 28$
 $v = 10$

9. $2v - 2 = 0$
 $v = 1$

14. $2b - 2 = 8$
 $b = 5$

5. $2a - 4 = 10$
 $a = 7$

10. $3z - 1 = 20$
 $z = 7$

15. $3v - 1 = 11$
 $v = 4$