

Simple Linear Equations (E)

Solve for each variable.

1. $3u + 1 = 31$

6. $3v + 3 = 18$

11. $3a - 5 = 1$

2. $2a + 1 = 21$

7. $2a + 10 = 18$

12. $2b + 8 = 24$

3. $2z + 3 = 13$

8. $3v - 2 = 19$

13. $2b + 8 = 18$

4. $2b - 9 = 5$

9. $3u + 5 = 8$

14. $3b + 7 = 7$

5. $2v - 8 = 0$

10. $2a + 6 = 8$

15. $3v + 5 = 5$

Simple Linear Equations (E) Answers

Solve for each variable.

1. $3u + 1 = 31$
 $u = 10$

6. $3v + 3 = 18$
 $v = 5$

11. $3a - 5 = 1$
 $a = 2$

2. $2a + 1 = 21$
 $a = 10$

7. $2a + 10 = 18$
 $a = 4$

12. $2b + 8 = 24$
 $b = 8$

3. $2z + 3 = 13$
 $z = 5$

8. $3v - 2 = 19$
 $v = 7$

13. $2b + 8 = 18$
 $b = 5$

4. $2b - 9 = 5$
 $b = 7$

9. $3u + 5 = 8$
 $u = 1$

14. $3b + 7 = 7$
 $b = 0$

5. $2v - 8 = 0$
 $v = 4$

10. $2a + 6 = 8$
 $a = 1$

15. $3v + 5 = 5$
 $v = 0$