

Simple Linear Equations (E)

Solve for each variable.

1. $2v - 2 = 6$

6. $3x - (-4) = -11$

11. $-3u - (-7) = 16$

2. $-3v - 5 = 16$

7. $-3b - 5 = -26$

12. $3y - 9 = -30$

3. $-3v - 5 = -2$

8. $2x - 7 = -1$

13. $3u - (-10) = -5$

4. $3a - 6 = -24$

9. $2a - 3 = 11$

14. $-3z - 6 = -18$

5. $-3x - (-1) = -5$

10. $-2a - 2 = -12$

15. $3y - 1 = 14$

Simple Linear Equations (E) Answers

Solve for each variable.

1. $2v - 2 = 6$
 $v = 4$

6. $3x - (-4) = -11$
 $x = -5$

11. $-3u - (-7) = 16$
 $u = -3$

2. $-3v - 5 = 16$
 $v = -7$

7. $-3b - 5 = -26$
 $b = 7$

12. $3y - 9 = -30$
 $y = -7$

3. $-3v - 5 = -2$
 $v = -1$

8. $2x - 7 = -1$
 $x = 3$

13. $3u - (-10) = -5$
 $u = -5$

4. $3a - 6 = -24$
 $a = -6$

9. $2a - 3 = 11$
 $a = 7$

14. $-3z - 6 = -18$
 $z = 4$

5. $-3x - (-1) = -5$
 $x = 2$

10. $-2a - 2 = -12$
 $a = 5$

15. $3y - 1 = 14$
 $y = 5$