

Simple Linear Equations (H)

Solve for each variable.

1. $2b - 1 = -11$

6. $-2u - 6 = 0$

11. $-3x - 9 = 18$

2. $2z - 7 = -7$

7. $2v - 4 = -8$

12. $-3y - (-6) = -3$

3. $2z - 1 = 17$

8. $-3y - (-5) = 20$

13. $3a - 3 = 9$

4. $2v - 10 = -24$

9. $2u - (-5) = -13$

14. $3x - 3 = -15$

5. $2a - (-8) = -4$

10. $-2z - 6 = 10$

15. $3y - 6 = 18$

Simple Linear Equations (H) Answers

Solve for each variable.

1. $2b - 1 = -11$
 $b = -5$

6. $-2u - 6 = 0$
 $u = -3$

11. $-3x - 9 = 18$
 $x = -9$

2. $2z - 7 = -7$
 $z = 0$

7. $2v - 4 = -8$
 $v = -2$

12. $-3y - (-6) = -3$
 $y = 3$

3. $2z - 1 = 17$
 $z = 9$

8. $-3y - (-5) = 20$
 $y = -5$

13. $3a - 3 = 9$
 $a = 4$

4. $2v - 10 = -24$
 $v = -7$

9. $2u - (-5) = -13$
 $u = -9$

14. $3x - 3 = -15$
 $x = -4$

5. $2a - (-8) = -4$
 $a = -6$

10. $-2z - 6 = 10$
 $z = -8$

15. $3y - 6 = 18$
 $y = 8$