

Simple Linear Equations (H)

Solve for each variable.

1. $2c + (-5) = -11$

6. $3y + 8 = -10$

11. $2a + 9 = 23$

2. $3b + (-6) = 6$

7. $-3z + 6 = -21$

12. $-2y + 6 = -12$

3. $-2a + 3 = -17$

8. $-3c + (-6) = 18$

13. $-2c + 3 = -9$

4. $2b + 10 = -4$

9. $3v + 10 = 28$

14. $-3y + 4 = -14$

5. $2u + 2 = 16$

10. $2b + 5 = 25$

15. $2v + (-8) = -24$

Simple Linear Equations (H) Answers

Solve for each variable.

1. $2c + (-5) = -11$
 $c = -3$

6. $3y + 8 = -10$
 $y = -6$

11. $2a + 9 = 23$
 $a = 7$

2. $3b + (-6) = 6$
 $b = 4$

7. $-3z + 6 = -21$
 $z = 9$

12. $-2y + 6 = -12$
 $y = 9$

3. $-2a + 3 = -17$
 $a = 10$

8. $-3c + (-6) = 18$
 $c = -8$

13. $-2c + 3 = -9$
 $c = 6$

4. $2b + 10 = -4$
 $b = -7$

9. $3v + 10 = 28$
 $v = 6$

14. $-3y + 4 = -14$
 $y = 6$

5. $2u + 2 = 16$
 $u = 7$

10. $2b + 5 = 25$
 $b = 10$

15. $2v + (-8) = -24$
 $v = -8$