

Simple Linear Equations

Solve for each variable.

1. $3z + (-10) = -19$

6. $-3v + 10 = 40$

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

2. $3a + 5 = 2$

7. $3x + (-8) = -29$

12. $2y + 9 = -5$

3. $-2b + 9 = 25$

8. $-3u + 3 = -21$

13. $2c + 5 = 11$

4. $3z + (-2) = -8$

9. $3b + (-10) = 14$

14. $-2a + (-2) = 0$

5. $2x + 6 = 10$

10. $-3y + (-7) = 23$

15. $3v + 6 = 15$

Simple Linear Equations Answers

Solve for each variable.

1. $3z + (-10) = -19$
 $z = -3$

6. $-3v + 10 = 40$
 $v = -10$

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

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

7. $3x + (-8) = -29$
 $x = -7$

12. $2y + 9 = -5$
 $y = -7$

3. $-2b + 9 = 25$
 $b = -8$

8. $-3u + 3 = -21$
 $u = 8$

13. $2c + 5 = 11$
 $c = 3$

4. $3z + (-2) = -8$
 $z = -2$

9. $3b + (-10) = 14$
 $b = 8$

14. $-2a + (-2) = 0$
 $a = -1$

5. $2x + 6 = 10$
 $x = 2$

10. $-3y + (-7) = 23$
 $y = -10$

15. $3v + 6 = 15$
 $v = 3$