

Simple Linear Equations (I)

Solve for each variable.

1. $2c - 10 = 6$

6. $-3a + 6 = 27$

11. $-3c + 8 = -4$

2. $3x - 7 = -19$

7. $3b + (-4) = 14$

12. $-3x - 2 = 1$

3. $-2c - (-6) = 16$

8. $-3c + 3 = 15$

13. $2z + 2 = -10$

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

9. $-2z + 8 = 14$

14. $2v - 7 = -5$

5. $3z - 9 = 9$

10. $3c - 4 = 23$

15. $3v - (-1) = 13$

Simple Linear Equations (I) Answers

Solve for each variable.

1. $2c - 10 = 6$
 $c = 8$

6. $-3a + 6 = 27$
 $a = -7$

11. $-3c + 8 = -4$
 $c = 4$

2. $3x - 7 = -19$
 $x = -4$

7. $3b + (-4) = 14$
 $b = 6$

12. $-3x - 2 = 1$
 $x = -1$

3. $-2c - (-6) = 16$
 $c = -5$

8. $-3c + 3 = 15$
 $c = -4$

13. $2z + 2 = -10$
 $z = -6$

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

9. $-2z + 8 = 14$
 $z = -3$

14. $2v - 7 = -5$
 $v = 1$

5. $3z - 9 = 9$
 $z = 6$

10. $3c - 4 = 23$
 $c = 9$

15. $3v - (-1) = 13$
 $v = 4$