

Simple Linear Equations (A)

Solve for each variable.

1. $3c + 6 = 18$

6. $2a + 8 = 16$

11. $3a + 1 = 4$

2. $3v + 9 = 15$

7. $3a + 2 = 17$

12. $3u - 8 = 4$

3. $3z + 3 = 27$

8. $2y - 10 = 8$

13. $3y + 3 = 12$

4. $3c + 2 = 2$

9. $3x - 1 = 14$

14. $2c - 2 = 6$

5. $3a - 5 = 7$

10. $2z + 3 = 23$

15. $3c - 4 = 14$

Simple Linear Equations (A) Answers

Solve for each variable.

1. $3c + 6 = 18$
 $c = 4$

6. $2a + 8 = 16$
 $a = 4$

11. $3a + 1 = 4$
 $a = 1$

2. $3v + 9 = 15$
 $v = 2$

7. $3a + 2 = 17$
 $a = 5$

12. $3u - 8 = 4$
 $u = 4$

3. $3z + 3 = 27$
 $z = 8$

8. $2y - 10 = 8$
 $y = 9$

13. $3y + 3 = 12$
 $y = 3$

4. $3c + 2 = 2$
 $c = 0$

9. $3x - 1 = 14$
 $x = 5$

14. $2c - 2 = 6$
 $c = 4$

5. $3a - 5 = 7$
 $a = 4$

10. $2z + 3 = 23$
 $z = 10$

15. $3c - 4 = 14$
 $c = 6$