

Simple Linear Equations (G)

Solve for each variable.

1. $3v + 6 = 27$

6. $2x + 3 = 11$

11. $2a + 4 = 8$

2. $3b + 7 = 10$

7. $2c - 8 = 6$

12. $3c + 1 = 13$

3. $3y + 7 = 34$

8. $2v + 4 = 4$

13. $2u + 6 = 12$

4. $3x + 8 = 23$

9. $2v - 5 = 7$

14. $3v - 2 = 10$

5. $3z + 5 = 23$

10. $3y + 7 = 22$

15. $3b + 2 = 29$

Simple Linear Equations (G) Answers

Solve for each variable.

1. $3v + 6 = 27$
 $v = 7$

6. $2x + 3 = 11$
 $x = 4$

11. $2a + 4 = 8$
 $a = 2$

2. $3b + 7 = 10$
 $b = 1$

7. $2c - 8 = 6$
 $c = 7$

12. $3c + 1 = 13$
 $c = 4$

3. $3y + 7 = 34$
 $y = 9$

8. $2v + 4 = 4$
 $v = 0$

13. $2u + 6 = 12$
 $u = 3$

4. $3x + 8 = 23$
 $x = 5$

9. $2v - 5 = 7$
 $v = 6$

14. $3v - 2 = 10$
 $v = 4$

5. $3z + 5 = 23$
 $z = 6$

10. $3y + 7 = 22$
 $y = 5$

15. $3b + 2 = 29$
 $b = 9$