

Simple Linear Equations (B)

Solve for each variable.

1. $3v + 5 = 23$

6. $2y + 1 = 9$

11. $2x + 3 = 21$

2. $2u + 5 = 25$

7. $2a + 5 = 21$

12. $2b + 8 = 22$

3. $3c + 5 = 8$

8. $3v + 7 = 22$

13. $3x + 6 = 9$

4. $2y + 4 = 16$

9. $2v + 2 = 22$

14. $3x + 5 = 29$

5. $2b + 7 = 25$

10. $2a + 7 = 13$

15. $3z + 1 = 10$

Simple Linear Equations (B) Answers

Solve for each variable.

1. $3v + 5 = 23$
 $v = 6$

6. $2y + 1 = 9$
 $y = 4$

11. $2x + 3 = 21$
 $x = 9$

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

7. $2a + 5 = 21$
 $a = 8$

12. $2b + 8 = 22$
 $b = 7$

3. $3c + 5 = 8$
 $c = 1$

8. $3v + 7 = 22$
 $v = 5$

13. $3x + 6 = 9$
 $x = 1$

4. $2y + 4 = 16$
 $y = 6$

9. $2v + 2 = 22$
 $v = 10$

14. $3x + 5 = 29$
 $x = 8$

5. $2b + 7 = 25$
 $b = 9$

10. $2a + 7 = 13$
 $a = 3$

15. $3z + 1 = 10$
 $z = 3$