

Simple Linear Equations (C)

Solve for each variable.

1. $3a + 7 = 22$

6. $3a + 4 = 4$

11. $3z + 1 = 25$

2. $3b + 2 = 23$

7. $3x + 1 = 28$

12. $2a + 1 = 5$

3. $2c + 9 = 17$

8. $2z + 5 = 7$

13. $2a + 4 = 20$

4. $2x + 5 = 11$

9. $3b + 4 = 25$

14. $3x + 6 = 9$

5. $2b + 8 = 22$

10. $3b + 3 = 21$

15. $2y + 10 = 16$

Simple Linear Equations (C) Answers

Solve for each variable.

1. $3a + 7 = 22$
 $a = 5$

6. $3a + 4 = 4$
 $a = 0$

11. $3z + 1 = 25$
 $z = 8$

2. $3b + 2 = 23$
 $b = 7$

7. $3x + 1 = 28$
 $x = 9$

12. $2a + 1 = 5$
 $a = 2$

3. $2c + 9 = 17$
 $c = 4$

8. $2z + 5 = 7$
 $z = 1$

13. $2a + 4 = 20$
 $a = 8$

4. $2x + 5 = 11$
 $x = 3$

9. $3b + 4 = 25$
 $b = 7$

14. $3x + 6 = 9$
 $x = 1$

5. $2b + 8 = 22$
 $b = 7$

10. $3b + 3 = 21$
 $b = 6$

15. $2y + 10 = 16$
 $y = 3$