

Simple Linear Equations

Solve for each variable.

1. $3b + 9 = -18$

6. $3c - 9 = -27$

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

2. $3v + 1 = 22$

7. $-3c - 4 = 2$

12. $3z - 2 = -26$

3. $3y - 2 = 10$

8. $-3c + 8 = -10$

13. $2u + 7 = 5$

4. $2z + 1 = 15$

9. $2c - 8 = -18$

14. $3a - (-1) = -5$

5. $-2b - (-7) = 11$

10. $3a - 5 = -23$

15. $-2u + (-1) = -13$

Simple Linear Equations Answers

Solve for each variable.

1. $3b + 9 = -18$
 $b = -9$

6. $3c - 9 = -27$
 $c = -6$

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

2. $3v + 1 = 22$
 $v = 7$

7. $-3c - 4 = 2$
 $c = -2$

12. $3z - 2 = -26$
 $z = -8$

3. $3y - 2 = 10$
 $y = 4$

8. $-3c + 8 = -10$
 $c = 6$

13. $2u + 7 = 5$
 $u = -1$

4. $2z + 1 = 15$
 $z = 7$

9. $2c - 8 = -18$
 $c = -5$

14. $3a - (-1) = -5$
 $a = -2$

5. $-2b - (-7) = 11$
 $b = -2$

10. $3a - 5 = -23$
 $a = -6$

15. $-2u + (-1) = -13$
 $u = 6$