

Simple Linear Equations (C)

Solve for each variable.

1. $2u - (-1) = -9$

6. $\frac{5}{z} - 10 = -5$

11. $3b + (-4) = -16$

2. $\frac{-81}{z} - (-10) = 1$

7. $\frac{b}{7} - 1 = 5$

12. $10 + \frac{24}{x} = 13$

3. $\frac{36}{u} = 6$

8. $\frac{30}{c} + 9 = 15$

13. $\frac{y}{8} = -5$

4. $-6v = -42$

9. $y - 10 = -5$

14. $x + 3 = -7$

5. $c - 6 = -14$

10. $\frac{-45}{y} = 9$

15. $6 - \frac{27}{u} = 15$

Simple Linear Equations (C) Answers

Solve for each variable.

1. $2u - (-1) = -9$
 $u = -5$

6. $\frac{5}{z} - 10 = -5$
 $z = 1$

11. $3b + (-4) = -16$
 $b = -4$

2. $\frac{-81}{z} - (-10) = 1$
 $z = 9$

7. $\frac{b}{7} - 1 = 5$
 $b = 42$

12. $10 + \frac{24}{x} = 13$
 $x = 8$

3. $\frac{36}{u} = 6$
 $u = 6$

8. $\frac{30}{c} + 9 = 15$
 $c = 5$

13. $\frac{y}{8} = -5$
 $y = -40$

4. $-6v = -42$
 $v = 7$

9. $y - 10 = -5$
 $y = 5$

14. $x + 3 = -7$
 $x = -10$

5. $c - 6 = -14$
 $c = -8$

10. $\frac{-45}{y} = 9$
 $y = -5$

15. $6 - \frac{27}{u} = 15$
 $u = -3$