Simple Linear Equations (E)

Solve for each variable.

1. $\frac{a}{5} - 6 = 1$

2. $4 + \frac{c}{3} = 13$

3. $\frac{6}{y} - 1 = 2$

4. $7 + \frac{30}{c} = 12$

5. $9 + \frac{c}{4} = 15$

6. $\frac{27}{v} + 1 = 4$

7. $\frac{c}{2} + 5 = 13$

8. $\frac{10}{u} + 8 = 13$

9. $\frac{a}{7} - 1 = 6$

10. $\frac{80}{v} + 7 = 15$

11. $9 + \frac{4}{b} = 11$

12. $6 + \frac{25}{z} = 11$

13. $\frac{14}{b} - 3 = 4$

14. $7 + \frac{20}{z} = 12$

15. $9 - \frac{y}{3} = 0$

Simple Linear Equations (E) Answers

Solve for each variable.

1. $\frac{a}{5} - 6 = 1$
   $a = 35$

2. $4 + \frac{c}{3} = 13$
   $c = 27$

3. $\frac{6}{y} - 1 = 2$
   $y = 2$

4. $7 + \frac{30}{c} = 12$
   $c = 6$

5. $9 + \frac{c}{4} = 15$
   $c = 24$

6. $\frac{27}{v} + 1 = 4$
   $v = 9$

7. $\frac{c}{2} + 5 = 13$
   $c = 16$

8. $\frac{10}{u} + 8 = 13$
   $u = 2$

9. $\frac{a}{7} - 1 = 6$
   $a = 49$

10. $\frac{80}{v} + 7 = 15$
    $v = 10$

11. $9 + \frac{4}{b} = 11$
    $b = 2$

12. $6 + \frac{25}{z} = 11$
    $z = 5$

13. $\frac{14}{b} - 3 = 4$
    $b = 2$

14. $7 + \frac{20}{z} = 12$
    $z = 4$

15. $9 - \frac{y}{3} = 0$
    $y = 27$