Simple Linear Equations (E)

Solve for each variable.

1. $\frac{48}{y} + 1 = 7$

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

3. $6 + \frac{64}{y} = 14$

4. $\frac{30}{z} + 9 = 14$

5. $10 + \frac{30}{c} = 13$

6. $5 + \frac{28}{u} = 9$

7. $3 + \frac{6}{a} = 5$

8. $7 + \frac{18}{v} = 9$

9. $\frac{25}{a} - 1 = 4$

10. $\frac{36}{a} - 9 = 0$

11. $5 + \frac{24}{c} = 8$

12. $\frac{6}{y} - 1 = 1$

13. $10 + \frac{25}{v} = 15$

14. $\frac{5}{z} - 5 = 0$

15. $6 + \frac{35}{y} = 13$

Simple Linear Equations (E) Answers

Solve for each variable.

1. $\frac{48}{y} + 1 = 7$
$y = 8$

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

3. $6 + \frac{64}{y} = 14$
$y = 8$

4. $\frac{30}{z} + 9 = 14$
$z = 6$

5. $10 + \frac{30}{c} = 13$
$c = 10$

6. $5 + \frac{28}{u} = 9$
$u = 7$

7. $3 + \frac{6}{a} = 5$
$a = 3$

8. $7 + \frac{18}{v} = 9$
$v = 9$

9. $\frac{25}{a} - 1 = 4$
$a = 5$

10. $\frac{36}{a} - 9 = 0$
$a = 4$

11. $5 + \frac{24}{c} = 8$
$c = 8$

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

13. $10 + \frac{25}{v} = 15$
$v = 5$

14. $\frac{5}{z} - 5 = 0$
$z = 1$

15. $6 + \frac{35}{y} = 13$
$y = 5$