

Simple Linear Equations (C)

Solve for each variable.

1. $\frac{a}{2} - 7 = 0$

6. $\frac{32}{a} + 9 = 13$

11. $9 + \frac{27}{y} = 12$

2. $\frac{b}{2} - 5 = 1$

7. $10 - \frac{y}{4} = 5$

12. $6 + \frac{30}{u} = 12$

3. $10 - \frac{v}{7} = 4$

8. $\frac{c}{7} + 10 = 16$

13. $\frac{3}{a} + 5 = 8$

4. $1 + \frac{z}{4} = 3$

9. $7 + \frac{27}{c} = 16$

14. $\frac{x}{6} - 7 = 2$

5. $\frac{63}{u} - 3 = 4$

10. $\frac{48}{z} + 2 = 10$

15. $\frac{40}{y} + 3 = 11$

Simple Linear Equations (C) Answers

Solve for each variable.

$$1. \frac{a}{2} - 7 = 0$$
$$a = 14$$

$$6. \frac{32}{a} + 9 = 13$$
$$a = 8$$

$$11. 9 + \frac{27}{y} = 12$$
$$y = 9$$

$$2. \frac{b}{2} - 5 = 1$$
$$b = 12$$

$$7. 10 - \frac{y}{4} = 5$$
$$y = 20$$

$$12. 6 + \frac{30}{u} = 12$$
$$u = 5$$

$$3. 10 - \frac{v}{7} = 4$$
$$v = 42$$

$$8. \frac{c}{7} + 10 = 16$$
$$c = 42$$

$$13. \frac{3}{a} + 5 = 8$$
$$a = 1$$

$$4. 1 + \frac{z}{4} = 3$$
$$z = 8$$

$$9. 7 + \frac{27}{c} = 16$$
$$c = 3$$

$$14. \frac{x}{6} - 7 = 2$$
$$x = 54$$

$$5. \frac{63}{u} - 3 = 4$$
$$u = 9$$

$$10. \frac{48}{z} + 2 = 10$$
$$z = 6$$

$$15. \frac{40}{y} + 3 = 11$$
$$y = 5$$