

Simple Linear Equations (C)

Solve for each variable.

1. $\frac{b}{7} + 1 = 6$

6. $\frac{z}{7} + 4 = 10$

11. $\frac{a}{3} - 2 = 1$

2. $\frac{x}{4} - 4 = 5$

7. $\frac{z}{5} + 10 = 17$

12. $2 + \frac{u}{8} = 10$

3. $\frac{b}{6} + 5 = 13$

8. $\frac{u}{6} - 9 = 0$

13. $6 + \frac{c}{7} = 8$

4. $9 - \frac{c}{2} = 5$

9. $\frac{u}{6} + 9 = 18$

14. $10 - \frac{z}{2} = 7$

5. $4 + \frac{z}{6} = 12$

10. $\frac{c}{9} + 10 = 18$

15. $\frac{x}{4} + 10 = 13$

Simple Linear Equations (C) Answers

Solve for each variable.

$$1. \frac{b}{7} + 1 = 6$$
$$b = 35$$

$$6. \frac{z}{7} + 4 = 10$$
$$z = 42$$

$$11. \frac{a}{3} - 2 = 1$$
$$a = 9$$

$$2. \frac{x}{4} - 4 = 5$$
$$x = 36$$

$$7. \frac{z}{5} + 10 = 17$$
$$z = 35$$

$$12. 2 + \frac{u}{8} = 10$$
$$u = 64$$

$$3. \frac{b}{6} + 5 = 13$$
$$b = 48$$

$$8. \frac{u}{6} - 9 = 0$$
$$u = 54$$

$$13. 6 + \frac{c}{7} = 8$$
$$c = 14$$

$$4. 9 - \frac{c}{2} = 5$$
$$c = 8$$

$$9. \frac{u}{6} + 9 = 18$$
$$u = 54$$

$$14. 10 - \frac{z}{2} = 7$$
$$z = 6$$

$$5. 4 + \frac{z}{6} = 12$$
$$z = 48$$

$$10. \frac{c}{9} + 10 = 18$$
$$c = 72$$

$$15. \frac{x}{4} + 10 = 13$$
$$x = 12$$