

Simple Linear Equations (C)

Solve for each variable.

1. $6 + \frac{c}{3} = 15$

6. $2 - \frac{5}{b} = 7$

11. $\frac{-20}{b} + (-2) = 3$

2. $\frac{v}{8} - 3 = 0$

7. $\frac{-9}{z} + (-10) = -7$

12. $\frac{-21}{b} + 2 = -5$

3. $10 - \frac{-90}{x} = 19$

8. $6 + \frac{24}{v} = 12$

13. $6 + \frac{c}{4} = -2$

4. $6 + \frac{4}{a} = 10$

9. $\frac{16}{a} + (-3) = 1$

14. $2 - \frac{c}{-4} = 7$

5. $9 + \frac{45}{a} = 4$

10. $\frac{v}{-7} + 7 = 13$

15. $5 + \frac{32}{b} = 9$

Simple Linear Equations (C) Answers

Solve for each variable.

$$1. 6 + \frac{c}{3} = 15$$
$$c = 27$$

$$6. 2 - \frac{5}{b} = 7$$
$$b = -1$$

$$11. \frac{-20}{b} + (-2) = 3$$
$$b = -4$$

$$2. \frac{v}{8} - 3 = 0$$
$$v = 24$$

$$7. \frac{-9}{z} + (-10) = -7$$
$$z = -3$$

$$12. \frac{-21}{b} + 2 = -5$$
$$b = 3$$

$$3. 10 - \frac{-90}{x} = 19$$
$$x = 10$$

$$8. 6 + \frac{24}{v} = 12$$
$$v = 4$$

$$13. 6 + \frac{c}{4} = -2$$
$$c = -32$$

$$4. 6 + \frac{4}{a} = 10$$
$$a = 1$$

$$9. \frac{16}{a} + (-3) = 1$$
$$a = 4$$

$$14. 2 - \frac{c}{-4} = 7$$
$$c = 20$$

$$5. 9 + \frac{45}{a} = 4$$
$$a = -9$$

$$10. \frac{v}{-7} + 7 = 13$$
$$v = -42$$

$$15. 5 + \frac{32}{b} = 9$$
$$b = 8$$