

Simple Linear Equations (C)

Solve for each variable.

1. $\frac{-48}{v} + 5 = 13$

6. $\frac{16}{z} - (-3) = 11$

11. $\frac{-40}{c} + 2 = 7$

2. $\frac{-10}{x} - 7 = -9$

7. $\frac{16}{v} + 4 = 2$

12. $8 + \frac{-42}{x} = 15$

3. $1 - \frac{-14}{c} = 3$

8. $6 - \frac{6}{a} = 8$

13. $-6 - \frac{-20}{b} = -10$

4. $-7 - \frac{20}{c} = -12$

9. $2 + \frac{-24}{b} = 6$

14. $9 + \frac{12}{z} = 15$

5. $\frac{-40}{u} - (-1) = 9$

10. $\frac{49}{x} - 4 = -11$

15. $\frac{36}{y} - 8 = -4$

Simple Linear Equations (C) Answers

Solve for each variable.

$$1. \frac{-48}{v} + 5 = 13$$
$$v = -6$$

$$6. \frac{16}{z} - (-3) = 11$$
$$z = 2$$

$$11. \frac{-40}{c} + 2 = 7$$
$$c = -8$$

$$2. \frac{-10}{x} - 7 = -9$$
$$x = 5$$

$$7. \frac{16}{v} + 4 = 2$$
$$v = -8$$

$$12. 8 + \frac{-42}{x} = 15$$
$$x = -6$$

$$3. 1 - \frac{-14}{c} = 3$$
$$c = 7$$

$$8. 6 - \frac{6}{a} = 8$$
$$a = -3$$

$$13. -6 - \frac{-20}{b} = -10$$
$$b = -5$$

$$4. -7 - \frac{20}{c} = -12$$
$$c = 4$$

$$9. 2 + \frac{-24}{b} = 6$$
$$b = -6$$

$$14. 9 + \frac{12}{z} = 15$$
$$z = 2$$

$$5. \frac{-40}{u} - (-1) = 9$$
$$u = -5$$

$$10. \frac{49}{x} - 4 = -11$$
$$x = -7$$

$$15. \frac{36}{y} - 8 = -4$$
$$y = 9$$