

Simple Linear Equations (D)

Solve for each variable.

1. $4 + \frac{-63}{y} = -3$

6. $6 - \frac{63}{v} = 13$

11. $1 - \frac{-5}{c} = -4$

2. $6 + \frac{21}{x} = 3$

7. $\frac{20}{x} - 2 = -7$

12. $-3 + \frac{-42}{z} = 3$

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

8. $\frac{-9}{v} - 10 = -19$

13. $\frac{-21}{v} + 8 = 15$

4. $\frac{-24}{c} - 9 = -15$

9. $8 + \frac{64}{y} = 16$

14. $\frac{25}{z} + 1 = -4$

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

10. $-7 - \frac{-30}{u} = -2$

15. $\frac{-6}{c} - 5 = -8$

Simple Linear Equations (D) Answers

Solve for each variable.

$$1. 4 + \frac{-63}{y} = -3$$
$$y = 9$$

$$6. 6 - \frac{63}{v} = 13$$
$$v = -9$$

$$11. 1 - \frac{-5}{c} = -4$$
$$c = -1$$

$$2. 6 + \frac{21}{x} = 3$$
$$x = -7$$

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

$$12. -3 + \frac{-42}{z} = 3$$
$$z = -7$$

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

$$8. \frac{-9}{v} - 10 = -19$$
$$v = 1$$

$$13. \frac{-21}{v} + 8 = 15$$
$$v = -3$$

$$4. \frac{-24}{c} - 9 = -15$$
$$c = 4$$

$$9. 8 + \frac{64}{y} = 16$$
$$y = 8$$

$$14. \frac{25}{z} + 1 = -4$$
$$z = -5$$

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

$$10. -7 - \frac{-30}{u} = -2$$
$$u = 6$$

$$15. \frac{-6}{c} - 5 = -8$$
$$c = 2$$