

Simple Linear Equations (D)

Solve for each variable.

1. $\frac{30}{z} - 3 = 0$

6. $\frac{20}{b} - 1 = 1$

11. $3 + \frac{8}{u} = 7$

2. $\frac{8}{u} + 7 = 9$

7. $2 + \frac{9}{a} = 5$

12. $\frac{54}{y} - 3 = 3$

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

8. $\frac{49}{b} - 3 = 4$

13. $6 + \frac{20}{u} = 10$

4. $2 + \frac{63}{x} = 11$

9. $\frac{63}{x} + 6 = 15$

14. $\frac{14}{u} + 8 = 10$

5. $\frac{3}{a} + 8 = 11$

10. $5 + \frac{40}{u} = 9$

15. $\frac{50}{v} + 9 = 14$

Simple Linear Equations (D) Answers

Solve for each variable.

$$1. \frac{30}{z} - 3 = 0$$
$$z = 10$$

$$6. \frac{20}{b} - 1 = 1$$
$$b = 10$$

$$11. 3 + \frac{8}{u} = 7$$
$$u = 2$$

$$2. \frac{8}{u} + 7 = 9$$
$$u = 4$$

$$7. 2 + \frac{9}{a} = 5$$
$$a = 3$$

$$12. \frac{54}{y} - 3 = 3$$
$$y = 9$$

$$3. \frac{16}{b} + 7 = 9$$
$$b = 8$$

$$8. \frac{49}{b} - 3 = 4$$
$$b = 7$$

$$13. 6 + \frac{20}{u} = 10$$
$$u = 5$$

$$4. 2 + \frac{63}{x} = 11$$
$$x = 7$$

$$9. \frac{63}{x} + 6 = 15$$
$$x = 7$$

$$14. \frac{14}{u} + 8 = 10$$
$$u = 7$$

$$5. \frac{3}{a} + 8 = 11$$
$$a = 1$$

$$10. 5 + \frac{40}{u} = 9$$
$$u = 10$$

$$15. \frac{50}{v} + 9 = 14$$
$$v = 10$$