

Simple Linear Equations (D)

Solve for each variable.

1. $5 + \frac{80}{x} = 13$

6. $\frac{z}{3} + 6 = 9$

11. $\frac{9}{y} - 7 = 2$

2. $9 + \frac{50}{b} = 14$

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

12. $6 - \frac{y}{5} = 1$

3. $5 + \frac{u}{7} = 13$

8. $\frac{90}{x} - 6 = 3$

13. $6 - \frac{z}{5} = 4$

4. $2 + \frac{12}{a} = 8$

9. $\frac{14}{u} - 1 = 1$

14. $\frac{90}{b} + 7 = 16$

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

10. $1 + \frac{u}{9} = 3$

15. $2 + \frac{z}{8} = 6$

Simple Linear Equations (D) Answers

Solve for each variable.

$$1. 5 + \frac{80}{x} = 13$$
$$x = 10$$

$$6. \frac{z}{3} + 6 = 9$$
$$z = 9$$

$$11. \frac{9}{y} - 7 = 2$$
$$y = 1$$

$$2. 9 + \frac{50}{b} = 14$$
$$b = 10$$

$$7. \frac{z}{9} + 2 = 5$$
$$z = 27$$

$$12. 6 - \frac{y}{5} = 1$$
$$y = 25$$

$$3. 5 + \frac{u}{7} = 13$$
$$u = 56$$

$$8. \frac{90}{x} - 6 = 3$$
$$x = 10$$

$$13. 6 - \frac{z}{5} = 4$$
$$z = 10$$

$$4. 2 + \frac{12}{a} = 8$$
$$a = 2$$

$$9. \frac{14}{u} - 1 = 1$$
$$u = 7$$

$$14. \frac{90}{b} + 7 = 16$$
$$b = 10$$

$$5. \frac{y}{2} - 6 = 1$$
$$y = 14$$

$$10. 1 + \frac{u}{9} = 3$$
$$u = 18$$

$$15. 2 + \frac{z}{8} = 6$$
$$z = 32$$