

## Simple Linear Equations (D)

Solve for each variable.

1.  $6 + \frac{y}{6} = 10$

6.  $7 + \frac{c}{3} = 13$

11.  $\frac{z}{6} + 1 = 6$

2.  $\frac{x}{8} + 10 = 17$

7.  $1 + \frac{z}{4} = 7$

12.  $8 + \frac{v}{9} = 11$

3.  $\frac{a}{6} - 6 = 2$

8.  $\frac{a}{2} - 8 = 1$

13.  $6 - \frac{u}{9} = 2$

4.  $1 + \frac{y}{7} = 8$

9.  $\frac{c}{9} + 7 = 10$

14.  $3 + \frac{a}{6} = 5$

5.  $2 + \frac{y}{8} = 11$

10.  $\frac{b}{6} + 6 = 8$

15.  $1 + \frac{v}{4} = 7$

## Simple Linear Equations (D) Answers

Solve for each variable.

$$1. 6 + \frac{y}{6} = 10$$
$$y = 24$$

$$6. 7 + \frac{c}{3} = 13$$
$$c = 18$$

$$11. \frac{z}{6} + 1 = 6$$
$$z = 30$$

$$2. \frac{x}{8} + 10 = 17$$
$$x = 56$$

$$7. 1 + \frac{z}{4} = 7$$
$$z = 24$$

$$12. 8 + \frac{v}{9} = 11$$
$$v = 27$$

$$3. \frac{a}{6} - 6 = 2$$
$$a = 48$$

$$8. \frac{a}{2} - 8 = 1$$
$$a = 18$$

$$13. 6 - \frac{u}{9} = 2$$
$$u = 36$$

$$4. 1 + \frac{y}{7} = 8$$
$$y = 49$$

$$9. \frac{c}{9} + 7 = 10$$
$$c = 27$$

$$14. 3 + \frac{a}{6} = 5$$
$$a = 12$$

$$5. 2 + \frac{y}{8} = 11$$
$$y = 72$$

$$10. \frac{b}{6} + 6 = 8$$
$$b = 12$$

$$15. 1 + \frac{v}{4} = 7$$
$$v = 24$$