

## Simple Linear Equations (D)

Solve for each variable.

1.  $\frac{v}{3} - 10 = -5$

6.  $1 + \frac{a}{8} = 3$

11.  $\frac{24}{c} + (-2) = 2$

2.  $5 + \frac{54}{y} = 11$

7.  $\frac{c}{4} - (-8) = 2$

12.  $4 + \frac{9}{x} = 7$

3.  $3 - \frac{v}{4} = 0$

8.  $-4 - \frac{y}{-4} = -13$

13.  $\frac{y}{-7} + 3 = 11$

4.  $-7 - \frac{y}{-8} = -16$

9.  $\frac{c}{6} - (-10) = 13$

14.  $\frac{c}{-3} + 6 = 11$

5.  $2 + \frac{y}{-3} = 11$

10.  $\frac{-42}{v} + 5 = -2$

15.  $-1 + \frac{4}{b} = 3$

## Simple Linear Equations (D) Answers

Solve for each variable.

$$1. \frac{v}{3} - 10 = -5$$
$$v = 15$$

$$6. 1 + \frac{a}{8} = 3$$
$$a = 16$$

$$11. \frac{24}{c} + (-2) = 2$$
$$c = 6$$

$$2. 5 + \frac{54}{y} = 11$$
$$y = 9$$

$$7. \frac{c}{4} - (-8) = 2$$
$$c = -24$$

$$12. 4 + \frac{9}{x} = 7$$
$$x = 3$$

$$3. 3 - \frac{v}{4} = 0$$
$$v = 12$$

$$8. -4 - \frac{y}{-4} = -13$$
$$y = -36$$

$$13. \frac{y}{-7} + 3 = 11$$
$$y = -56$$

$$4. -7 - \frac{y}{-8} = -16$$
$$y = -72$$

$$9. \frac{c}{6} - (-10) = 13$$
$$c = 18$$

$$14. \frac{c}{-3} + 6 = 11$$
$$c = -15$$

$$5. 2 + \frac{y}{-3} = 11$$
$$y = -27$$

$$10. \frac{-42}{v} + 5 = -2$$
$$v = 6$$

$$15. -1 + \frac{4}{b} = 3$$
$$b = 1$$