

Simple Linear Equations

Solve for each variable.

1. $-10 - \frac{x}{-5} = -19$

6. $7 + \frac{b}{4} = 11$

11. $\frac{v}{7} + (-2) = -4$

2. $\frac{c}{8} - (-9) = 18$

7. $\frac{18}{y} + 6 = 12$

12. $\frac{v}{-6} + (-4) = -8$

3. $3 + \frac{x}{7} = 1$

8. $9 + \frac{u}{4} = 13$

13. $2 - \frac{v}{-7} = -6$

4. $\frac{56}{y} + 5 = 13$

9. $\frac{-12}{u} - 7 = -1$

14. $\frac{c}{4} - 4 = 2$

5. $\frac{36}{b} + (-10) = -6$

10. $6 + \frac{14}{u} = 8$

15. $\frac{y}{3} + (-2) = 6$

Simple Linear Equations Answers

Solve for each variable.

$$1. -10 - \frac{x}{-5} = -19$$
$$x = -45$$

$$6. 7 + \frac{b}{4} = 11$$
$$b = 16$$

$$11. \frac{v}{7} + (-2) = -4$$
$$v = -14$$

$$2. \frac{c}{8} - (-9) = 18$$
$$c = 72$$

$$7. \frac{18}{y} + 6 = 12$$
$$y = 3$$

$$12. \frac{v}{-6} + (-4) = -8$$
$$v = 24$$

$$3. 3 + \frac{x}{7} = 1$$
$$x = -14$$

$$8. 9 + \frac{u}{4} = 13$$
$$u = 16$$

$$13. 2 - \frac{v}{-7} = -6$$
$$v = -56$$

$$4. \frac{56}{y} + 5 = 13$$
$$y = 7$$

$$9. \frac{-12}{u} - 7 = -1$$
$$u = -2$$

$$14. \frac{c}{4} - 4 = 2$$
$$c = 24$$

$$5. \frac{36}{b} + (-10) = -6$$
$$b = 9$$

$$10. 6 + \frac{14}{u} = 8$$
$$u = 7$$

$$15. \frac{y}{3} + (-2) = 6$$
$$y = 24$$