

Simple Linear Equations

Solve for each variable.

1. $\frac{x}{6} = 7$

6. $\frac{x}{4} = -5$

11. $\frac{a}{-2} = -4$

2. $\frac{a}{3} = 4$

7. $\frac{b}{2} = -6$

12. $\frac{x}{8} = -3$

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

8. $\frac{v}{-2} = 4$

13. $\frac{a}{-8} = 6$

4. $\frac{z}{-5} = 2$

9. $\frac{z}{5} = -2$

14. $\frac{y}{2} = 7$

5. $\frac{a}{9} = -5$

10. $\frac{x}{9} = -3$

15. $\frac{c}{2} = 4$

Simple Linear Equation Answers

Solve for each variable.

$$1. \frac{x}{6} = 7$$
$$x = 42$$

$$6. \frac{x}{4} = -5$$
$$x = -20$$

$$11. \frac{a}{-2} = -4$$
$$a = 8$$

$$2. \frac{a}{3} = 4$$
$$a = 12$$

$$7. \frac{b}{2} = -6$$
$$b = -12$$

$$12. \frac{x}{8} = -3$$
$$x = -24$$

$$3. \frac{z}{6} = 6$$
$$z = 36$$

$$8. \frac{v}{-2} = 4$$
$$v = -8$$

$$13. \frac{a}{-8} = 6$$
$$a = -48$$

$$4. \frac{z}{-5} = 2$$
$$z = -10$$

$$9. \frac{z}{5} = -2$$
$$z = -10$$

$$14. \frac{y}{2} = 7$$
$$y = 14$$

$$5. \frac{a}{9} = -5$$
$$a = -45$$

$$10. \frac{x}{9} = -3$$
$$x = -27$$

$$15. \frac{c}{2} = 4$$
$$c = 8$$