

Simple Linear Equations

Solve for each variable.

1. $8 - \frac{z}{2} = 5$

6. $\frac{v}{3} + 3 = 7$

11. $\frac{y}{2} + 8 = 15$

2. $\frac{u}{4} + 5 = 7$

7. $\frac{c}{5} - 3 = 3$

12. $\frac{z}{7} + 10 = 12$

3. $\frac{y}{7} + 8 = 13$

8. $2 + \frac{b}{3} = 7$

13. $8 + \frac{a}{5} = 12$

4. $\frac{x}{4} + 5 = 9$

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

14. $6 + \frac{c}{9} = 12$

5. $1 + \frac{b}{8} = 8$

10. $\frac{u}{5} + 10 = 17$

15. $\frac{y}{2} + 8 = 12$

Simple Linear Equation Answers

Solve for each variable.

$$1. 8 - \frac{z}{2} = 5$$
$$z = 6$$

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

$$11. \frac{y}{2} + 8 = 15$$
$$y = 14$$

$$2. \frac{u}{4} + 5 = 7$$
$$u = 8$$

$$7. \frac{c}{5} - 3 = 3$$
$$c = 30$$

$$12. \frac{z}{7} + 10 = 12$$
$$z = 14$$

$$3. \frac{y}{7} + 8 = 13$$
$$y = 35$$

$$8. 2 + \frac{b}{3} = 7$$
$$b = 15$$

$$13. 8 + \frac{a}{5} = 12$$
$$a = 20$$

$$4. \frac{x}{4} + 5 = 9$$
$$x = 16$$

$$9. 2 + \frac{y}{9} = 11$$
$$y = 81$$

$$14. 6 + \frac{c}{9} = 12$$
$$c = 54$$

$$5. 1 + \frac{b}{8} = 8$$
$$b = 56$$

$$10. \frac{u}{5} + 10 = 17$$
$$u = 35$$

$$15. \frac{y}{2} + 8 = 12$$
$$y = 8$$