

Simple Linear Equations (H)

Solve for each variable.

1. $\frac{c}{9} + 9 = 15$

6. $5 - \frac{y}{2} = 3$

11. $\frac{b}{8} + 9 = 18$

2. $\frac{x}{4} + 2 = 5$

7. $\frac{v}{8} - 4 = 0$

12. $4 + \frac{a}{5} = 13$

3. $10 + \frac{b}{2} = 12$

8. $8 + \frac{x}{4} = 16$

13. $\frac{u}{3} - 2 = 4$

4. $\frac{c}{9} + 7 = 13$

9. $\frac{b}{4} + 4 = 13$

14. $\frac{a}{9} - 6 = 0$

5. $\frac{a}{7} + 6 = 14$

10. $\frac{u}{7} + 9 = 17$

15. $7 + \frac{x}{2} = 11$

Simple Linear Equations (H) Answers

Solve for each variable.

$$1. \frac{c}{9} + 9 = 15$$
$$c = 54$$

$$6. 5 - \frac{y}{2} = 3$$
$$y = 4$$

$$11. \frac{b}{8} + 9 = 18$$
$$b = 72$$

$$2. \frac{x}{4} + 2 = 5$$
$$x = 12$$

$$7. \frac{v}{8} - 4 = 0$$
$$v = 32$$

$$12. 4 + \frac{a}{5} = 13$$
$$a = 45$$

$$3. 10 + \frac{b}{2} = 12$$
$$b = 4$$

$$8. 8 + \frac{x}{4} = 16$$
$$x = 32$$

$$13. \frac{u}{3} - 2 = 4$$
$$u = 18$$

$$4. \frac{c}{9} + 7 = 13$$
$$c = 54$$

$$9. \frac{b}{4} + 4 = 13$$
$$b = 36$$

$$14. \frac{a}{9} - 6 = 0$$
$$a = 54$$

$$5. \frac{a}{7} + 6 = 14$$
$$a = 56$$

$$10. \frac{u}{7} + 9 = 17$$
$$u = 56$$

$$15. 7 + \frac{x}{2} = 11$$
$$x = 8$$