

Simple Linear Equations (H)

Solve for each variable.

1. $\frac{20}{a} - 1 = 4$

6. $\frac{18}{z} = 6$

11. $\frac{b}{2} + 5 = 8$

2. $\frac{18}{y} = 3$

7. $\frac{28}{b} = 4$

12. $6a = 0$

3. $\frac{30}{u} = 6$

8. $z - 3 = 7$

13. $8 - \frac{x}{8} = 5$

4. $1 + \frac{12}{y} = 3$

9. $6x = 12$

14. $x - 1 = 7$

5. $\frac{a}{8} = 3$

10. $2v = 4$

15. $z + 7 = 8$

Simple Linear Equations (H) Answers

Solve for each variable.

$$1. \frac{20}{a} - 1 = 4$$
$$a = 4$$

$$6. \frac{18}{z} = 6$$
$$z = 3$$

$$11. \frac{b}{2} + 5 = 8$$
$$b = 6$$

$$2. \frac{18}{y} = 3$$
$$y = 6$$

$$7. \frac{28}{b} = 4$$
$$b = 7$$

$$12. 6a = 0$$
$$a = 0$$

$$3. \frac{30}{u} = 6$$
$$u = 5$$

$$8. z - 3 = 7$$
$$z = 10$$

$$13. 8 - \frac{x}{8} = 5$$
$$x = 24$$

$$4. 1 + \frac{12}{y} = 3$$
$$y = 6$$

$$9. 6x = 12$$
$$x = 2$$

$$14. x - 1 = 7$$
$$x = 8$$

$$5. \frac{a}{8} = 3$$
$$a = 24$$

$$10. 2v = 4$$
$$v = 2$$

$$15. z + 7 = 8$$
$$z = 1$$