

Simple Linear Equations

Solve for each variable.

1. $8 + \frac{2}{z} = 10$

6. $9x = 9$

11. $\frac{2}{v} + 7 = 9$

2. $3v - 4 = 5$

7. $\frac{v}{5} = 7$

12. $7z = 63$

3. $\frac{z}{5} + 10 = 13$

8. $\frac{b}{5} = 7$

13. $\frac{6}{c} = 2$

4. $\frac{12}{v} = 2$

9. $\frac{v}{2} = 3$

14. $\frac{42}{z} = 7$

5. $3c - 6 = 21$

10. $\frac{90}{x} + 3 = 12$

15. $\frac{24}{b} = 4$

Simple Linear Equations Answers

Solve for each variable.

$$1. 8 + \frac{2}{z} = 10$$
$$z = 1$$

$$6. 9x = 9$$
$$x = 1$$

$$11. \frac{2}{v} + 7 = 9$$
$$v = 1$$

$$2. 3v - 4 = 5$$
$$v = 3$$

$$7. \frac{v}{5} = 7$$
$$v = 35$$

$$12. 7z = 63$$
$$z = 9$$

$$3. \frac{z}{5} + 10 = 13$$
$$z = 15$$

$$8. \frac{b}{5} = 7$$
$$b = 35$$

$$13. \frac{6}{c} = 2$$
$$c = 3$$

$$4. \frac{12}{v} = 2$$
$$v = 6$$

$$9. \frac{v}{2} = 3$$
$$v = 6$$

$$14. \frac{42}{z} = 7$$
$$z = 6$$

$$5. 3c - 6 = 21$$
$$c = 9$$

$$10. \frac{90}{x} + 3 = 12$$
$$x = 10$$

$$15. \frac{24}{b} = 4$$
$$b = 6$$