

Simple Linear Equations (B)

Solve for each variable.

1. $5 + \frac{80}{b} = 13$

6. $5 + \frac{a}{5} = 13$

11. $\frac{45}{x} - 2 = 3$

2. $\frac{6}{a} + 1 = 7$

7. $2 + \frac{10}{a} = 4$

12. $8 + \frac{6}{c} = 14$

3. $\frac{7}{z} - 1 = 6$

8. $1 + \frac{v}{5} = 9$

13. $5 + \frac{56}{a} = 13$

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

9. $9 - \frac{v}{8} = 0$

14. $\frac{c}{8} + 8 = 12$

5. $8 - \frac{b}{4} = 0$

10. $\frac{b}{2} - 3 = 6$

15. $5 + \frac{40}{b} = 13$

Simple Linear Equations (B) Answers

Solve for each variable.

$$1. 5 + \frac{80}{b} = 13$$
$$b = 10$$

$$6. 5 + \frac{a}{5} = 13$$
$$a = 40$$

$$11. \frac{45}{x} - 2 = 3$$
$$x = 9$$

$$2. \frac{6}{a} + 1 = 7$$
$$a = 1$$

$$7. 2 + \frac{10}{a} = 4$$
$$a = 5$$

$$12. 8 + \frac{6}{c} = 14$$
$$c = 1$$

$$3. \frac{7}{z} - 1 = 6$$
$$z = 1$$

$$8. 1 + \frac{v}{5} = 9$$
$$v = 40$$

$$13. 5 + \frac{56}{a} = 13$$
$$a = 7$$

$$4. \frac{v}{6} - 2 = 5$$
$$v = 42$$

$$9. 9 - \frac{v}{8} = 0$$
$$v = 72$$

$$14. \frac{c}{8} + 8 = 12$$
$$c = 32$$

$$5. 8 - \frac{b}{4} = 0$$
$$b = 32$$

$$10. \frac{b}{2} - 3 = 6$$
$$b = 18$$

$$15. 5 + \frac{40}{b} = 13$$
$$b = 5$$