

Simple Linear Equations (F)

Solve for each variable.

1. $\frac{9}{c} + 8 = 11$

6. $5 + \frac{36}{a} = 11$

11. $\frac{30}{c} + 3 = 8$

2. $\frac{21}{u} + 2 = 9$

7. $4 + \frac{42}{a} = 11$

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

3. $\frac{25}{z} - 5 = 0$

8. $\frac{56}{v} - 6 = 1$

13. $10 + \frac{63}{b} = 19$

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

9. $10 + \frac{63}{u} = 19$

14. $\frac{70}{x} + 6 = 13$

5. $2 + \frac{40}{b} = 10$

10. $1 + \frac{60}{z} = 7$

15. $\frac{81}{c} + 6 = 15$

Simple Linear Equations (F) Answers

Solve for each variable.

$$1. \frac{9}{c} + 8 = 11$$
$$c = 3$$

$$6. 5 + \frac{36}{a} = 11$$
$$a = 6$$

$$11. \frac{30}{c} + 3 = 8$$
$$c = 6$$

$$2. \frac{21}{u} + 2 = 9$$
$$u = 3$$

$$7. 4 + \frac{42}{a} = 11$$
$$a = 6$$

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

$$3. \frac{25}{z} - 5 = 0$$
$$z = 5$$

$$8. \frac{56}{v} - 6 = 1$$
$$v = 8$$

$$13. 10 + \frac{63}{b} = 19$$
$$b = 7$$

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

$$9. 10 + \frac{63}{u} = 19$$
$$u = 7$$

$$14. \frac{70}{x} + 6 = 13$$
$$x = 10$$

$$5. 2 + \frac{40}{b} = 10$$
$$b = 5$$

$$10. 1 + \frac{60}{z} = 7$$
$$z = 10$$

$$15. \frac{81}{c} + 6 = 15$$
$$c = 9$$