

Simple Linear Equations (I)

Solve for each variable.

1. $\frac{4}{z} + 3 = 5$

6. $\frac{18}{c} + 2 = 4$

11. $7 + \frac{16}{u} = 15$

2. $\frac{56}{z} + 4 = 11$

7. $\frac{4}{x} + 10 = 12$

12. $5 + \frac{24}{y} = 9$

3. $\frac{30}{u} - 1 = 4$

8. $1 + \frac{6}{c} = 3$

13. $\frac{27}{b} - 7 = 2$

4. $\frac{10}{z} - 5 = 0$

9. $\frac{9}{c} - 1 = 8$

14. $6 + \frac{30}{a} = 9$

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

10. $\frac{4}{z} + 3 = 7$

15. $\frac{16}{v} - 3 = 5$

Simple Linear Equations (I) Answers

Solve for each variable.

$$1. \frac{4}{z} + 3 = 5$$
$$z = 2$$

$$6. \frac{18}{c} + 2 = 4$$
$$c = 9$$

$$11. 7 + \frac{16}{u} = 15$$
$$u = 2$$

$$2. \frac{56}{z} + 4 = 11$$
$$z = 8$$

$$7. \frac{4}{x} + 10 = 12$$
$$x = 2$$

$$12. 5 + \frac{24}{y} = 9$$
$$y = 6$$

$$3. \frac{30}{u} - 1 = 4$$
$$u = 6$$

$$8. 1 + \frac{6}{c} = 3$$
$$c = 3$$

$$13. \frac{27}{b} - 7 = 2$$
$$b = 3$$

$$4. \frac{10}{z} - 5 = 0$$
$$z = 2$$

$$9. \frac{9}{c} - 1 = 8$$
$$c = 1$$

$$14. 6 + \frac{30}{a} = 9$$
$$a = 10$$

$$5. 6 + \frac{5}{a} = 11$$
$$a = 1$$

$$10. \frac{4}{z} + 3 = 7$$
$$z = 1$$

$$15. \frac{16}{v} - 3 = 5$$
$$v = 2$$