

## Simple Linear Equations (B)

Solve for each variable.

1.  $\frac{16}{u} + 8 = 10$

6.  $\frac{48}{y} + 5 = 13$

11.  $10 + \frac{20}{a} = 14$

2.  $\frac{72}{a} - 8 = 0$

7.  $4 + \frac{10}{a} = 9$

12.  $9 + \frac{63}{c} = 16$

3.  $7 + \frac{56}{v} = 15$

8.  $10 + \frac{24}{x} = 13$

13.  $\frac{16}{a} + 4 = 8$

4.  $2 + \frac{6}{u} = 8$

9.  $7 + \frac{6}{y} = 13$

14.  $\frac{12}{x} - 2 = 1$

5.  $2 + \frac{36}{y} = 8$

10.  $5 + \frac{20}{u} = 7$

15.  $\frac{24}{z} - 2 = 1$

## Simple Linear Equations (B) Answers

Solve for each variable.

$$1. \frac{16}{u} + 8 = 10$$
$$u = 8$$

$$6. \frac{48}{y} + 5 = 13$$
$$y = 6$$

$$11. 10 + \frac{20}{a} = 14$$
$$a = 5$$

$$2. \frac{72}{a} - 8 = 0$$
$$a = 9$$

$$7. 4 + \frac{10}{a} = 9$$
$$a = 2$$

$$12. 9 + \frac{63}{c} = 16$$
$$c = 9$$

$$3. 7 + \frac{56}{v} = 15$$
$$v = 7$$

$$8. 10 + \frac{24}{x} = 13$$
$$x = 8$$

$$13. \frac{16}{a} + 4 = 8$$
$$a = 4$$

$$4. 2 + \frac{6}{u} = 8$$
$$u = 1$$

$$9. 7 + \frac{6}{y} = 13$$
$$y = 1$$

$$14. \frac{12}{x} - 2 = 1$$
$$x = 4$$

$$5. 2 + \frac{36}{y} = 8$$
$$y = 6$$

$$10. 5 + \frac{20}{u} = 7$$
$$u = 10$$

$$15. \frac{24}{z} - 2 = 1$$
$$z = 8$$