

## Simple Linear Equations (J)

Solve for each variable.

1.  $9 + \frac{80}{b} = 17$

6.  $6 + \frac{50}{y} = 11$

11.  $\frac{56}{v} + 5 = 12$

2.  $7 + \frac{2}{y} = 9$

7.  $1 + \frac{10}{u} = 6$

12.  $4 + \frac{9}{v} = 13$

3.  $\frac{20}{a} + 8 = 10$

8.  $2 + \frac{15}{u} = 7$

13.  $\frac{4}{z} + 6 = 10$

4.  $6 + \frac{14}{u} = 8$

9.  $1 + \frac{54}{y} = 7$

14.  $\frac{6}{a} - 1 = 2$

5.  $10 + \frac{28}{b} = 14$

10.  $9 + \frac{3}{z} = 12$

15.  $4 + \frac{7}{u} = 11$

## Simple Linear Equations (J) Answers

Solve for each variable.

$$1. 9 + \frac{80}{b} = 17$$
$$b = 10$$

$$6. 6 + \frac{50}{y} = 11$$
$$y = 10$$

$$11. \frac{56}{v} + 5 = 12$$
$$v = 8$$

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

$$7. 1 + \frac{10}{u} = 6$$
$$u = 2$$

$$12. 4 + \frac{9}{v} = 13$$
$$v = 1$$

$$3. \frac{20}{a} + 8 = 10$$
$$a = 10$$

$$8. 2 + \frac{15}{u} = 7$$
$$u = 3$$

$$13. \frac{4}{z} + 6 = 10$$
$$z = 1$$

$$4. 6 + \frac{14}{u} = 8$$
$$u = 7$$

$$9. 1 + \frac{54}{y} = 7$$
$$y = 9$$

$$14. \frac{6}{a} - 1 = 2$$
$$a = 2$$

$$5. 10 + \frac{28}{b} = 14$$
$$b = 7$$

$$10. 9 + \frac{3}{z} = 12$$
$$z = 1$$

$$15. 4 + \frac{7}{u} = 11$$
$$u = 1$$