

## Simple Linear Equations (F)

Solve for each variable.

1.  $\frac{6}{y} = 3$

6.  $2v = 8$

11.  $2y + 5 = 25$

2.  $\frac{16}{c} = 8$

7.  $x - 2 = 1$

12.  $u + 9 = 19$

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

8.  $6 + \frac{8}{v} = 8$

13.  $y - 3 = 2$

4.  $8c = 72$

9.  $\frac{35}{c} + 8 = 13$

14.  $\frac{24}{a} + 3 = 11$

5.  $\frac{36}{v} = 9$

10.  $3y - 6 = 0$

15.  $u + 4 = 14$

## Simple Linear Equations (F) Answers

Solve for each variable.

$$1. \frac{6}{y} = 3$$
$$y = 2$$

$$6. 2v = 8$$
$$v = 4$$

$$11. 2y + 5 = 25$$
$$y = 10$$

$$2. \frac{16}{c} = 8$$
$$c = 2$$

$$7. x - 2 = 1$$
$$x = 3$$

$$12. u + 9 = 19$$
$$u = 10$$

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

$$8. 6 + \frac{8}{v} = 8$$
$$v = 4$$

$$13. y - 3 = 2$$
$$y = 5$$

$$4. 8c = 72$$
$$c = 9$$

$$9. \frac{35}{c} + 8 = 13$$
$$c = 7$$

$$14. \frac{24}{a} + 3 = 11$$
$$a = 3$$

$$5. \frac{36}{v} = 9$$
$$v = 4$$

$$10. 3y - 6 = 0$$
$$y = 2$$

$$15. u + 4 = 14$$
$$u = 10$$