

Simple Linear Equations (D)

Solve for each variable.

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

6. $\frac{2}{c} = 2$

11. $3v + 10 = 25$

2. $\frac{15}{y} = 5$

7. $2x - 7 = 13$

12. $u + 10 = 17$

3. $9 - \frac{a}{4} = 2$

8. $x + 6 = 11$

13. $5b = 5$

4. $b + 9 = 18$

9. $3u - 3 = 3$

14. $3u + 3 = 15$

5. $u + 7 = 9$

10. $\frac{35}{y} = 5$

15. $\frac{21}{a} = 7$

Simple Linear Equations (D) Answers

Solve for each variable.

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

$$6. \frac{2}{c} = 2$$
$$c = 1$$

$$11. 3v + 10 = 25$$
$$v = 5$$

$$2. \frac{15}{y} = 5$$
$$y = 3$$

$$7. 2x - 7 = 13$$
$$x = 10$$

$$12. u + 10 = 17$$
$$u = 7$$

$$3. 9 - \frac{a}{4} = 2$$
$$a = 28$$

$$8. x + 6 = 11$$
$$x = 5$$

$$13. 5b = 5$$
$$b = 1$$

$$4. b + 9 = 18$$
$$b = 9$$

$$9. 3u - 3 = 3$$
$$u = 2$$

$$14. 3u + 3 = 15$$
$$u = 4$$

$$5. u + 7 = 9$$
$$u = 2$$

$$10. \frac{35}{y} = 5$$
$$y = 7$$

$$15. \frac{21}{a} = 7$$
$$a = 3$$