

Simple Linear Equations (F)

Solve for each variable.

1. $-3a - (-4) = 25$

6. $\frac{8}{z} - 5 = 3$

11. $9c = 90$

2. $3x + 3 = 6$

7. $2b = 6$

12. $7 - \frac{a}{4} = -2$

3. $b + 3 = 5$

8. $v + (-2) = -3$

13. $\frac{v}{-8} = 4$

4. $2 - \frac{x}{4} = 11$

9. $u - (-4) = 5$

14. $\frac{y}{2} = -5$

5. $-6z = -12$

10. $2c - 10 = -8$

15. $-10 + \frac{z}{-2} = -8$

Simple Linear Equations (F) Answers

Solve for each variable.

$$1. -3a - (-4) = 25$$
$$a = -7$$

$$6. \frac{8}{z} - 5 = 3$$
$$z = 1$$

$$11. 9c = 90$$
$$c = 10$$

$$2. 3x + 3 = 6$$
$$x = 1$$

$$7. 2b = 6$$
$$b = 3$$

$$12. 7 - \frac{a}{4} = -2$$
$$a = 36$$

$$3. b + 3 = 5$$
$$b = 2$$

$$8. v + (-2) = -3$$
$$v = -1$$

$$13. \frac{v}{-8} = 4$$
$$v = -32$$

$$4. 2 - \frac{x}{4} = 11$$
$$x = -36$$

$$9. u - (-4) = 5$$
$$u = 1$$

$$14. \frac{y}{2} = -5$$
$$y = -10$$

$$5. -6z = -12$$
$$z = 2$$

$$10. 2c - 10 = -8$$
$$c = 1$$

$$15. -10 + \frac{z}{-2} = -8$$
$$z = -4$$