

## Simple Linear Equations (H)

Solve for each variable.

1.  $2 - \frac{v}{3} = 6$

6.  $\frac{-24}{b} = -3$

11.  $3u = 15$

2.  $\frac{u}{9} = -4$

7.  $1 - \frac{b}{7} = -4$

12.  $3u + (-4) = -13$

3.  $\frac{-80}{y} - (-10) = 18$

8.  $6 - \frac{v}{-8} = 2$

13.  $\frac{7}{y} = -7$

4.  $z - 7 = -6$

9.  $\frac{y}{-4} - 9 = -17$

14.  $y + 6 = -4$

5.  $\frac{a}{5} = -8$

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

15.  $\frac{z}{9} = -9$

## Simple Linear Equations (H) Answers

Solve for each variable.

$$1. 2 - \frac{v}{3} = 6$$
$$v = -12$$

$$6. \frac{-24}{b} = -3$$
$$b = 8$$

$$11. 3u = 15$$
$$u = 5$$

$$2. \frac{u}{9} = -4$$
$$u = -36$$

$$7. 1 - \frac{b}{7} = -4$$
$$b = 35$$

$$12. 3u + (-4) = -13$$
$$u = -3$$

$$3. \frac{-80}{y} - (-10) = 18$$
$$y = -10$$

$$8. 6 - \frac{v}{-8} = 2$$
$$v = -32$$

$$13. \frac{7}{y} = -7$$
$$y = -1$$

$$4. z - 7 = -6$$
$$z = 1$$

$$9. \frac{y}{-4} - 9 = -17$$
$$y = 32$$

$$14. y + 6 = -4$$
$$y = -10$$

$$5. \frac{a}{5} = -8$$
$$a = -40$$

$$10. 6 - \frac{u}{-7} = 2$$
$$u = -28$$

$$15. \frac{z}{9} = -9$$
$$z = -81$$