

## Simple Linear Equations (A)

Solve for each variable.

1.  $-10 - \frac{x}{-5} = -19$

6.  $7 + \frac{b}{4} = 11$

11.  $\frac{v}{7} + (-2) = -4$

2.  $\frac{c}{8} - (-9) = 18$

7.  $\frac{18}{y} + 6 = 12$

12.  $\frac{v}{-6} + (-4) = -8$

3.  $3 + \frac{x}{7} = 1$

8.  $9 + \frac{u}{4} = 13$

13.  $2 - \frac{v}{-7} = -6$

4.  $\frac{56}{y} + 5 = 13$

9.  $\frac{-12}{u} - 7 = -1$

14.  $\frac{c}{4} - 4 = 2$

5.  $\frac{36}{b} + (-10) = -6$

10.  $6 + \frac{14}{u} = 8$

15.  $\frac{y}{3} + (-2) = 6$

## Simple Linear Equations (A) Answers

Solve for each variable.

$$1. -10 - \frac{x}{-5} = -19$$

$x = -45$

$$6. 7 + \frac{b}{4} = 11$$

$b = 16$

$$11. \frac{v}{7} + (-2) = -4$$

$v = -14$

$$2. \frac{c}{8} - (-9) = 18$$

$c = 72$

$$7. \frac{18}{y} + 6 = 12$$

$y = 3$

$$12. \frac{v}{-6} + (-4) = -8$$

$v = 24$

$$3. 3 + \frac{x}{7} = 1$$

$x = -14$

$$8. 9 + \frac{u}{4} = 13$$

$u = 16$

$$13. 2 - \frac{v}{-7} = -6$$

$v = -56$

$$4. \frac{56}{y} + 5 = 13$$

$y = 7$

$$9. \frac{-12}{u} - 7 = -1$$

$u = -2$

$$14. \frac{c}{4} - 4 = 2$$

$c = 24$

$$5. \frac{36}{b} + (-10) = -6$$

$b = 9$

$$10. 6 + \frac{14}{u} = 8$$

$u = 7$

$$15. \frac{y}{3} + (-2) = 6$$

$y = 24$