

## Simple Linear Equations (A)

Solve for each variable.

1.  $\frac{50}{u} - (-2) = 7$

6.  $4 + \frac{15}{v} = 7$

11.  $9 + \frac{30}{a} = 6$

2.  $-1 - \frac{-18}{c} = 8$

7.  $\frac{-21}{u} + 8 = 11$

12.  $\frac{21}{z} + 3 = 6$

3.  $\frac{-12}{b} - 10 = -6$

8.  $\frac{-24}{b} - (-5) = 9$

13.  $\frac{35}{y} - 9 = -14$

4.  $2 - \frac{45}{y} = -7$

9.  $\frac{-10}{a} + 4 = 9$

14.  $\frac{-32}{z} + 6 = 14$

5.  $\frac{70}{u} + 1 = 8$

10.  $\frac{20}{v} - 9 = -5$

15.  $3 - \frac{-32}{c} = -5$

## Simple Linear Equations (A) Answers

Solve for each variable.

$$1. \frac{50}{u} - (-2) = 7$$
$$u = 10$$

$$6. 4 + \frac{15}{v} = 7$$
$$v = 5$$

$$11. 9 + \frac{30}{a} = 6$$
$$a = -10$$

$$2. -1 - \frac{-18}{c} = 8$$
$$c = 2$$

$$7. \frac{-21}{u} + 8 = 11$$
$$u = -7$$

$$12. \frac{21}{z} + 3 = 6$$
$$z = 7$$

$$3. \frac{-12}{b} - 10 = -6$$
$$b = -3$$

$$8. \frac{-24}{b} - (-5) = 9$$
$$b = -6$$

$$13. \frac{35}{y} - 9 = -14$$
$$y = -7$$

$$4. 2 - \frac{45}{y} = -7$$
$$y = 5$$

$$9. \frac{-10}{a} + 4 = 9$$
$$a = -2$$

$$14. \frac{-32}{z} + 6 = 14$$
$$z = -4$$

$$5. \frac{70}{u} + 1 = 8$$
$$u = 10$$

$$10. \frac{20}{v} - 9 = -5$$
$$v = 5$$

$$15. 3 - \frac{-32}{c} = -5$$
$$c = -4$$