

## Simple Linear Equations (J)

Solve for each variable.

$$1. 8 - \frac{54}{y} = 17$$

$$6. 5 - \frac{36}{u} = 9$$

$$11. \frac{64}{c} - 3 = 5$$

$$2. 10 - \frac{-70}{c} = 17$$

$$7. 9 - \frac{7}{z} = 2$$

$$12. \frac{27}{x} + 6 = 15$$

$$3. \frac{56}{c} + 6 = -1$$

$$8. -9 + \frac{-81}{y} = -18$$

$$13. 1 - \frac{9}{v} = 10$$

$$4. 7 - \frac{20}{b} = 3$$

$$9. 9 + \frac{16}{u} = 13$$

$$14. \frac{40}{u} + 4 = 12$$

$$5. 9 + \frac{64}{x} = 17$$

$$10. \frac{-15}{a} + (-4) = -7$$

$$15. \frac{-8}{z} + 3 = 11$$

## Simple Linear Equations (J) Answers

Solve for each variable.

$$1. 8 - \frac{54}{y} = 17$$
$$y = -6$$

$$6. 5 - \frac{36}{u} = 9$$
$$u = -9$$

$$11. \frac{64}{c} - 3 = 5$$
$$c = 8$$

$$2. 10 - \frac{-70}{c} = 17$$
$$c = 10$$

$$7. 9 - \frac{7}{z} = 2$$
$$z = 1$$

$$12. \frac{27}{x} + 6 = 15$$
$$x = 3$$

$$3. \frac{56}{c} + 6 = -1$$
$$c = -8$$

$$8. -9 + \frac{-81}{y} = -18$$
$$y = 9$$

$$13. 1 - \frac{9}{v} = 10$$
$$v = -1$$

$$4. 7 - \frac{20}{b} = 3$$
$$b = 5$$

$$9. 9 + \frac{16}{u} = 13$$
$$u = 4$$

$$14. \frac{40}{u} + 4 = 12$$
$$u = 5$$

$$5. 9 + \frac{64}{x} = 17$$
$$x = 8$$

$$10. \frac{-15}{a} + (-4) = -7$$
$$a = 5$$

$$15. \frac{-8}{z} + 3 = 11$$
$$z = -1$$