

Simple Linear Equations (G)

Solve for each variable.

$$1. 2 - \frac{64}{u} = 10$$

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

$$11. \frac{-48}{v} - 1 = 5$$

$$2. 9 - \frac{63}{z} = 16$$

$$7. 7 + \frac{-50}{x} = 12$$

$$12. 4 + \frac{8}{a} = 6$$

$$3. -2 + \frac{-64}{b} = -10$$

$$8. 9 + \frac{28}{b} = 5$$

$$13. 1 + \frac{-54}{v} = -5$$

$$4. \frac{-15}{a} - 5 = -2$$

$$9. 1 - \frac{80}{z} = 9$$

$$14. \frac{-8}{x} - (-10) = 18$$

$$5. 7 - \frac{-28}{z} = 3$$

$$10. -8 + \frac{28}{a} = -4$$

$$15. 2 + \frac{32}{z} = -6$$

Simple Linear Equations (G) Answers

Solve for each variable.

$$1. 2 - \frac{64}{u} = 10$$
$$u = -8$$

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

$$11. \frac{-48}{v} - 1 = 5$$
$$v = -8$$

$$2. 9 - \frac{63}{z} = 16$$
$$z = -9$$

$$7. 7 + \frac{-50}{x} = 12$$
$$x = -10$$

$$12. 4 + \frac{8}{a} = 6$$
$$a = 4$$

$$3. -2 + \frac{-64}{b} = -10$$
$$b = 8$$

$$8. 9 + \frac{28}{b} = 5$$
$$b = -7$$

$$13. 1 + \frac{-54}{v} = -5$$
$$v = 9$$

$$4. \frac{-15}{a} - 5 = -2$$
$$a = -5$$

$$9. 1 - \frac{80}{z} = 9$$
$$z = -10$$

$$14. \frac{-8}{x} - (-10) = 18$$
$$x = -1$$

$$5. 7 - \frac{-28}{z} = 3$$
$$z = -7$$

$$10. -8 + \frac{28}{a} = -4$$
$$a = 7$$

$$15. 2 + \frac{32}{z} = -6$$
$$z = -4$$