

Simple Linear Equations (E)

Solve for each variable.

1. $\frac{-15}{u} = 3$

6. $\frac{27}{u} = 3$

11. $\frac{-9}{b} = -9$

2. $\frac{-72}{b} = -8$

7. $\frac{-81}{v} = -9$

12. $\frac{-32}{b} = -4$

3. $\frac{16}{a} = 2$

8. $\frac{-42}{a} = -6$

13. $\frac{12}{x} = 6$

4. $\frac{7}{z} = 7$

9. $\frac{-5}{x} = -5$

14. $\frac{-20}{y} = 5$

5. $\frac{-48}{x} = 8$

10. $\frac{-32}{y} = -8$

15. $\frac{-27}{v} = 3$

Simple Linear Equations (E) Answers

Solve for each variable.

$$1. \frac{-15}{u} = 3$$
$$u = -5$$

$$6. \frac{27}{u} = 3$$
$$u = 9$$

$$11. \frac{-9}{b} = -9$$
$$b = 1$$

$$2. \frac{-72}{b} = -8$$
$$b = 9$$

$$7. \frac{-81}{v} = -9$$
$$v = 9$$

$$12. \frac{-32}{b} = -4$$
$$b = 8$$

$$3. \frac{16}{a} = 2$$
$$a = 8$$

$$8. \frac{-42}{a} = -6$$
$$a = 7$$

$$13. \frac{12}{x} = 6$$
$$x = 2$$

$$4. \frac{7}{z} = 7$$
$$z = 1$$

$$9. \frac{-5}{x} = -5$$
$$x = 1$$

$$14. \frac{-20}{y} = 5$$
$$y = -4$$

$$5. \frac{-48}{x} = 8$$
$$x = -6$$

$$10. \frac{-32}{y} = -8$$
$$y = 4$$

$$15. \frac{-27}{v} = 3$$
$$v = -9$$