

Simple Linear Equations (B)

Solve for each variable.

1. $-2u - 5 = -21$

6. $\frac{-36}{x} = 9$

11. $\frac{z}{8} = -8$

2. $\frac{v}{5} - (-1) = 9$

7. $\frac{a}{7} = 6$

12. $\frac{x}{-6} = -8$

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

8. $\frac{12}{y} - 7 = -4$

13. $7a = -21$

4. $\frac{a}{6} = 3$

9. $\frac{-12}{b} = 6$

14. $\frac{a}{9} = 3$

5. $\frac{b}{-7} - 10 = -15$

10. $-3u = -6$

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

Simple Linear Equations (B) Answers

Solve for each variable.

$$1. -2u - 5 = -21$$
$$u = 8$$

$$6. \frac{-36}{x} = 9$$
$$x = -4$$

$$11. \frac{z}{8} = -8$$
$$z = -64$$

$$2. \frac{v}{5} - (-1) = 9$$
$$v = 40$$

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

$$12. \frac{x}{-6} = -8$$
$$x = 48$$

$$3. \frac{-12}{b} = 4$$
$$b = -3$$

$$8. \frac{12}{y} - 7 = -4$$
$$y = 4$$

$$13. 7a = -21$$
$$a = -3$$

$$4. \frac{a}{6} = 3$$
$$a = 18$$

$$9. \frac{-12}{b} = 6$$
$$b = -2$$

$$14. \frac{a}{9} = 3$$
$$a = 27$$

$$5. \frac{b}{-7} - 10 = -15$$
$$b = 35$$

$$10. -3u = -6$$
$$u = 2$$

$$15. \frac{u}{-6} + 4 = 2$$
$$u = 12$$