

Simple Linear Equations (A)

Solve for each variable.

1. $\frac{63}{y} + 1 = 8$

6. $10 + \frac{36}{z} = 14$

11. $\frac{40}{z} - 7 = 1$

2. $\frac{18}{u} + 5 = 8$

7. $\frac{49}{b} - 5 = 2$

12. $8 + \frac{40}{x} = 13$

3. $\frac{10}{a} + 7 = 12$

8. $\frac{4}{y} - 2 = 2$

13. $3 + \frac{18}{b} = 6$

4. $\frac{56}{c} + 6 = 13$

9. $7 + \frac{20}{x} = 11$

14. $\frac{7}{z} - 3 = 4$

5. $\frac{12}{x} - 4 = 0$

10. $\frac{6}{c} + 10 = 12$

15. $\frac{20}{b} + 2 = 7$

Simple Linear Equations (A) Answers

Solve for each variable.

$$1. \frac{63}{y} + 1 = 8$$
$$y = 9$$

$$6. 10 + \frac{36}{z} = 14$$
$$z = 9$$

$$11. \frac{40}{z} - 7 = 1$$
$$z = 5$$

$$2. \frac{18}{u} + 5 = 8$$
$$u = 6$$

$$7. \frac{49}{b} - 5 = 2$$
$$b = 7$$

$$12. 8 + \frac{40}{x} = 13$$
$$x = 8$$

$$3. \frac{10}{a} + 7 = 12$$
$$a = 2$$

$$8. \frac{4}{y} - 2 = 2$$
$$y = 1$$

$$13. 3 + \frac{18}{b} = 6$$
$$b = 6$$

$$4. \frac{56}{c} + 6 = 13$$
$$c = 8$$

$$9. 7 + \frac{20}{x} = 11$$
$$x = 5$$

$$14. \frac{7}{z} - 3 = 4$$
$$z = 1$$

$$5. \frac{12}{x} - 4 = 0$$
$$x = 3$$

$$10. \frac{6}{c} + 10 = 12$$
$$c = 3$$

$$15. \frac{20}{b} + 2 = 7$$
$$b = 4$$