

Simple Linear Equations (B)

Solve for each variable.

1. $\frac{8}{z} = 8$

6. $\frac{10}{z} = 2$

11. $\frac{b}{8} = 5$

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

7. $\frac{a}{6} - 3 = 0$

12. $\frac{c}{2} = 7$

3. $\frac{a}{9} + 8 = 14$

8. $\frac{y}{3} = 9$

13. $\frac{8}{b} = 2$

4. $b + 8 = 14$

9. $\frac{49}{y} + 7 = 14$

14. $5b = 20$

5. $7 + \frac{12}{b} = 13$

10. $\frac{12}{z} = 6$

15. $u + 3 = 9$

Simple Linear Equations (B) Answers

Solve for each variable.

$$1. \frac{8}{z} = 8$$
$$z = 1$$

$$6. \frac{10}{z} = 2$$
$$z = 5$$

$$11. \frac{b}{8} = 5$$
$$b = 40$$

$$2. \frac{a}{3} = 6$$
$$a = 18$$

$$7. \frac{a}{6} - 3 = 0$$
$$a = 18$$

$$12. \frac{c}{2} = 7$$
$$c = 14$$

$$3. \frac{a}{9} + 8 = 14$$
$$a = 54$$

$$8. \frac{y}{3} = 9$$
$$y = 27$$

$$13. \frac{8}{b} = 2$$
$$b = 4$$

$$4. b + 8 = 14$$
$$b = 6$$

$$9. \frac{49}{y} + 7 = 14$$
$$y = 7$$

$$14. 5b = 20$$
$$b = 4$$

$$5. 7 + \frac{12}{b} = 13$$
$$b = 2$$

$$10. \frac{12}{z} = 6$$
$$z = 2$$

$$15. u + 3 = 9$$
$$u = 6$$