

Simple Linear Equations (I)

Solve for each variable.

1. $7 + \frac{z}{8} = 13$

6. $\frac{z}{2} + 8 = 12$

11. $6 + \frac{a}{3} = 11$

2. $7 + \frac{u}{6} = 15$

7. $\frac{z}{8} - 7 = 2$

12. $8 + \frac{z}{8} = 15$

3. $7 + \frac{u}{3} = 15$

8. $10 + \frac{u}{2} = 13$

13. $\frac{z}{9} - 7 = 1$

4. $9 - \frac{u}{9} = 5$

9. $4 - \frac{z}{4} = 2$

14. $\frac{x}{8} + 7 = 9$

5. $\frac{b}{3} + 10 = 15$

10. $4 + \frac{a}{5} = 11$

15. $\frac{a}{5} + 8 = 12$

Simple Linear Equations (I) Answers

Solve for each variable.

$$1. 7 + \frac{z}{8} = 13$$
$$z = 48$$

$$6. \frac{z}{2} + 8 = 12$$
$$z = 8$$

$$11. 6 + \frac{a}{3} = 11$$
$$a = 15$$

$$2. 7 + \frac{u}{6} = 15$$
$$u = 48$$

$$7. \frac{z}{8} - 7 = 2$$
$$z = 72$$

$$12. 8 + \frac{z}{8} = 15$$
$$z = 56$$

$$3. 7 + \frac{u}{3} = 15$$
$$u = 24$$

$$8. 10 + \frac{u}{2} = 13$$
$$u = 6$$

$$13. \frac{z}{9} - 7 = 1$$
$$z = 72$$

$$4. 9 - \frac{u}{9} = 5$$
$$u = 36$$

$$9. 4 - \frac{z}{4} = 2$$
$$z = 8$$

$$14. \frac{x}{8} + 7 = 9$$
$$x = 16$$

$$5. \frac{b}{3} + 10 = 15$$
$$b = 15$$

$$10. 4 + \frac{a}{5} = 11$$
$$a = 35$$

$$15. \frac{a}{5} + 8 = 12$$
$$a = 20$$