

One-Variable Linear Equations ($x \div a + b = c$)

Name: _____

Date: _____ Score: _____

1. $\frac{x}{3} - 7 = -6$

2. $\frac{x}{4} + 3 = 5$

3. $\frac{x}{7} - 2 = -\frac{6}{7}$

4. $\frac{x}{7} + 3 = \frac{23}{7}$

5. $\frac{x}{2} + 5 = 9$

6. $\frac{x}{5} + 3 = \frac{19}{5}$

7. $\frac{x}{4} + 7 = \frac{17}{2}$

8. $\frac{x}{5} - 8 = -\frac{32}{5}$

9. $\frac{x}{6} - 5 = -\frac{14}{3}$

10. $\frac{x}{7} + 8 = \frac{61}{7}$

11. $\frac{x}{2} - 2 = \frac{5}{2}$

12. $\frac{x}{7} - 5 = -4$

13. $\frac{x}{5} - 3 = -2$

14. $\frac{x}{6} + 3 = \frac{19}{6}$

15. $\frac{x}{3} + 7 = \frac{28}{3}$



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$$1. \quad \frac{x}{3} - 7 = -6$$
$$x = 3$$

$$2. \quad \frac{x}{4} + 3 = 5$$
$$x = 8$$

$$3. \quad \frac{x}{7} - 2 = -\frac{6}{7}$$
$$x = 8$$

$$4. \quad \frac{x}{7} + 3 = \frac{23}{7}$$
$$x = 2$$

$$5. \quad \frac{x}{2} + 5 = 9$$
$$x = 8$$

$$6. \quad \frac{x}{5} + 3 = \frac{19}{5}$$
$$x = 4$$

$$7. \quad \frac{x}{4} + 7 = \frac{17}{2}$$
$$x = 6$$

$$8. \quad \frac{x}{5} - 8 = -\frac{32}{5}$$
$$x = 8$$

$$9. \quad \frac{x}{6} - 5 = -\frac{14}{3}$$
$$x = 2$$

$$10. \quad \frac{x}{7} + 8 = \frac{61}{7}$$
$$x = 5$$

$$11. \quad \frac{x}{2} - 2 = \frac{5}{2}$$
$$x = 9$$

$$12. \quad \frac{x}{7} - 5 = -4$$
$$x = 7$$

$$13. \quad \frac{x}{5} - 3 = -2$$
$$x = 5$$

$$14. \quad \frac{x}{6} + 3 = \frac{19}{6}$$
$$x = 1$$

$$15. \quad \frac{x}{3} + 7 = \frac{28}{3}$$
$$x = 7$$