



Solving Two Step Equations - Expert **Answers**

Solve the equations.

1. $\frac{5}{x} = 20$

$$5 = 20x$$

$$x = 0.25 \text{ or } \frac{1}{4}$$

2. $15 - x = 7$

$$-x = -8$$

$$x = 8$$

3. $\frac{2x}{2.5} = 2$

$$2x = 5$$

$$x = 2.5$$

4. $\frac{16}{x} = 5$

$$16 = 5x$$

$$x = 3.2$$

5. $\frac{11x}{5.5} = 4$

$$11x = 22$$

$$x = 2$$

6. $6 + 0.5x = 9$

$$0.5x = 3$$

$$x = 6$$

7. $10 - 0.5x = 8$

$$-0.5x = -2$$

$$x = 4$$

8. $\frac{2x}{18} = 2.8$

$$2x = 50.4$$

$$x = 25.2$$

9. $\frac{-30}{x} = -1.5$

$$-30 = -1.5x$$

$$x = 20$$

10. $\frac{1}{2}x + 4 = 10$

$$\frac{1}{2}x = 6$$

$$x = 12$$

11. $\frac{1}{4}x - 2 = 5$

$$\frac{1}{4}x = 7$$

$$x = 28$$

12. $2.1x + 6 = 14.4$

$$2.1x = 8.4$$

$$x = 4$$

13. $0.4x - 8 = 2$

$$0.4x = 10$$

$$x = 25$$

14. $\frac{1}{3}x + 2 = 27$

$$\frac{1}{3}x = 25$$

$$x = 75$$

15. $\frac{1}{5}x - 5 = 30$

$$\frac{1}{5}x = 35$$

$$x = 175$$