

Two-Step Equations

Grades 7-8 • Solving two-step algebraic equations

Name: _____

Date: _____

1. Solve for x: $3x - 12 = 15$

Answer: _____

2. Solve for x: $6x + 10 = 64$

Answer: _____

3. Solve for x: $2x + 12 = 16$

Answer: _____

4. Solve for x: $6x + 8 = 62$

Answer: _____

5. Solve for x: $5x + 5 = 15$

Answer: _____

6. Solve for x: $4x - 3 = 21$

Answer: _____

7. Solve for x: $7x + 8 = 43$

Answer: _____

8. Solve for x: $5x + 5 = 45$

Answer: _____

9. Solve for x: $8x - 8 = 40$

Answer: _____

10. Solve for x: $6x - 14 = 10$

Answer: _____

Answer Key

| | | |
|-----|-----------------------------|----------|
| 1. | Solve for x: $3x - 12 = 15$ | 9 |
| 2. | Solve for x: $6x + 10 = 64$ | 9 |
| 3. | Solve for x: $2x + 12 = 16$ | 2 |
| 4. | Solve for x: $6x + 8 = 62$ | 9 |
| 5. | Solve for x: $5x + 5 = 15$ | 2 |
| 6. | Solve for x: $4x - 3 = 21$ | 6 |
| 7. | Solve for x: $7x + 8 = 43$ | 5 |
| 8. | Solve for x: $5x + 5 = 45$ | 8 |
| 9. | Solve for x: $8x - 8 = 40$ | 6 |
| 10. | Solve for x: $6x - 14 = 10$ | 4 |