

Algebra Worksheet
Solve the equations.

Name Answer Key

1. $14.13 = x - 4.25$
 $x = 18.38$

2. $14.1 + x = 43.9$
 $x = 29.8$

3. $4x - 10 = x - 7$
 $x = 1$

4. $2 - x = 5x - 10$
 $x = 2$

5. $2 + x = -5x - 22$
 $x = -4$

6. $2 + 4x = 2x + 20$
 $x = 9$

7. $-1 + 4x = 6x - 7$
 $x = 3$

8. $\frac{42x^3}{2x} = 21x^2$

9. $\frac{52x^2}{2x} = 26x$

10. $\frac{x^2 + 7x + 6}{x + 1} = x + 6$

11. $\frac{x + 2}{x^2 + 9x + 18} = \frac{x + 2}{(x + 3)(x + 6)}$

12. $\frac{x^2 + 8x + 15}{x^2 + 6x + 8} = \frac{(x + 3)(x + 5)}{(x + 2)(x + 4)}$

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