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Name: _____ **Date:** _____

One-Step Equations Worksheet
Class 6

Solve for the variable in each equation.

A. Solve for x. (Addition)

1. $x + 7 = 15$ x = _____
2. $x + 12 = 20$ x = _____
3. $x + 9 = 27$ x = _____
4. $x + 18 = 25$ x = _____
5. $x + 6 = 14$ x = _____
6. $x + 11 = 19$ x = _____

B. Solve for x. (Subtraction)

1. $x - 5 = 12$ x = _____
2. $x - 8 = 17$ x = _____
3. $x - 7 = 9$ x = _____
4. $x - 14 = 6$ x = _____
5. $x - 3 = 11$ x = _____
6. $x - 16 = 5$ x = _____

C. Solve for x. (Multiplication)

1. $3x = 18$ x = _____
2. $5x = 35$ x = _____
3. $7x = 42$ x = _____
4. $4x = 20$ x = _____
5. $6x = 30$ x = _____
6. $9x = 54$ x = _____

D. Solve for x. (Division)

1. $x \div 3 = 7$ x = _____
2. $x \div 5 = 9$ x = _____
3. $x \div 8 = 6$ x = _____
4. $x \div 7 = 4$ x = _____
5. $x \div 6 = 8$ x = _____
6. $x \div 9 = 5$ x = _____

E. Mixed One-Step Equations

1. $x + 9 = 23$ x = _____
2. $x - 7 = 10$ x = _____
3. $4x = 28$ x = _____
4. $x \div 6 = 7$ x = _____
5. $8x = 40$ x = _____
6. $x + 15 = 22$ x = _____

F. Word Problems

1. A number added to 8 gives 17. What is the number? _____
2. A number subtracted from 20 gives 6. What is the number? _____
3. If 5 times a number is 45, what is the number? _____
4. A number divided by 4 gives 9. What is the number? _____

☆ Challenge

1. If $3x = 21$, find x. _____
2. If $x \div 8 = 7$, find x. _____

