

Order of Operations

P [Parenthesis]	E 10^3 Exponents
M Multiplication	A Addition
D Division	S Subtraction

"in order from left to right"

Examples:

$$\begin{aligned} 1. \quad & 12 \div 4 + (9-2) \times (3+5) = \\ & 12 \div 4 + 7 \times 8 \\ & \quad \underline{3+7 \times 8} \\ & 3+56 \\ & 59 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3+7 \times 6 \div 3-4 \\ & 3+42 \div 3-4 \\ & \underline{3+14-4} \\ & 17-4 \\ & 13 \end{aligned}$$

$$\begin{aligned} 3. & \quad 2(5+10)-12 \\ & \quad \underline{2 \times 15 - 12} \\ & \quad 30 - 12 \\ & \quad 18 \end{aligned}$$

$$\begin{aligned} 4. & \quad 4 + 8 \times 6 \div 2 + 3 = \\ & \quad 4 + \underline{48} \div 2 + 3 \\ & \quad 4 + \underline{24} + 3 \\ & \quad 28 + 3 \\ & \quad 31 \end{aligned}$$

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