Order of Operations

Example: $10-12\div2(8-5)^2+5$

P   Parentheses

Perform operations within grouping symbols (innermost first).

$10-12\div2(3)^2+5$

E   Exponents

Calculate powers (and roots) in any order.

$10-12\div2(9)+5$

M   Multiplication

$10-6(9)+5$

Perform multiplication **AND** division left to right.

D   Division

$10-54+5$

A   Addition

$-44+5$

Perform addition **AND** subtraction left to right.

S   Subtraction

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