

Order of Operations

The order in which mathematical operation must be computed

Parentheses

Perform operation(s) inside parantheses first

Exponents

Simplify all exponents

Multiplication
Division

Multiply and divide from left to right

Addition
Subtraction

Add and subtract from left to right

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Parentheses

$$7 + 4 \cdot 2 - 3^2$$

Exponents

Multiplication
Division

Addition
Subtraction

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Parentheses

$$2 (4 + 5) \div (5 - 2)$$

Exponents

Multiplication

Division

Addition

Subtraction

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Parentheses

$$3 + (2 + 6)^2 \div (7 - 9)$$

Exponents

Multiplication

Division

Addition

Subtraction

Order of Operations

The order in which mathematical operation must be computed

Parentheses

Please

Purple

P

Exponents

Excuse

Elephants

E

Multiplication
Division

My
Dear

May
Destroy

M
D

Addition
Subtraction

Aunt
Sally

A
School

A
S