

**Order of Operations**

Grouping Symbols	
( ) [ ] { }	<b>B</b> Brackets
Roots	
$3^2$	<b>E</b> Exponents
	$\sqrt{9}$

Inside **(brackets)** always follow the order of operations.

L → R	
<b>M</b> $(2)(3)$ $2 \times 3$ $4 \cdot 5$	<b>D</b> $6 \div 3$ $\frac{6}{3}$
Multiplication	Division
L → R	
<b>A</b> $5 + 6$	<b>S</b> $10 - 4$
Addition	Subtraction

Always multiply and divide from left to right.

Always add and subtract from left to right.

Examples 1.

$$17 - 5^2 \div (2 + 3)$$

Examples 2

$$\frac{(4 + 3)^2 - (6 \times 2^2)}{3 + 5 - 3}$$