

Order of Operations

Important Reminders

- * Always multiply and divide from left to right.
- * Always add and subtract from left to right.
- * Inside parentheses, always follow the order of operations!

Parentheses P [OR Brackets]
Exponents E (or roots)

* P: Division bar implies parenthesis in the numerator and denominator
 Ex: $\frac{3 \cdot 10 - 2}{7 + 5} \rightarrow$
 $\frac{(3 \cdot 10 - 2)}{(7 + 5)}$
 $(3 \cdot 10 - 2) \div (7 + 5)$

Example

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

$$17 - 5^2 \div 5$$

$$17 - 25 \div 5$$

$$17 - 5$$

$$(12)$$

Left \rightarrow M Multiply	\rightarrow Right D Divide
Left \rightarrow A Add	\rightarrow Right S Subtract