

# ORDER OF OPERATIONS

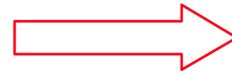
**PARENTHESIS**

**EXPONENTS**

**MULTIPLICATION & DIVISION**  
(WORK FROM LEFT TO RIGHT)



**ADDITION & SUBTRACTION**  
(WORK FROM LEFT TO RIGHT)



- Very important!
- The correct order you work out a math problem
- Remember by "PEMDAS"  
Please Excuse My Dear Aunt Sally .....

What is the order? PEMDAS

1. P - parenthesis - do what's inside first
2. E - exponents/powers next
3. M/D - multiplication/division from left → right
4. A/S - addition/subtraction from left → right

Example	$3(6 + 2^2) \div 15 + 5$
P	$3(\underline{6 + 2^2}) \div 15 + 5$
E	$3(6 + \underline{4}) \div 15 + 5$
M	$\underline{3(10)} \div 15 + 5$
D	$\underline{30 \div 15} + 5$
A	$2 + 5$

7 Answer

## **NOTE:**

If necessary...  
FOLLOW THE  
ORDER OF  
OPERATIONS  
INSIDE  
PARENTHESIS