4^3

Order of Operations

÷

( )

+

-

X

The Order of Operations tells us how to do a math problem with more than one operation, in the correct order.

Please Excuse My Dear Aunt Sally

This will help to you to remember the order of operations.

Please Excuse My Dear Aunt Sally

P **Parentheses ( )**

E **Exponents 4^3**

M **Multiply x**

D **Divide ÷**

A **Add +**

S **Subtract -**

Please Excuse My Dear Aunt Sally

Parentheses ( )

Always do parentheses 1st.

Please Excuse My Dear Aunt Sally

Exponents 4^3

Always do Exponents 2nd.

Please Excuse My Dear Aunt Sally

Multiply x

Divide ÷

Do multiplication and division 3rd, from left to right.

Please Excuse My Dear Aunt Sally

Add +

Subtract -

Do addition and subtraction 4th, from left to right.

Let's Try Some ☺ Problems!

PEMDAS

$3+2^3-(9+1)$

$3+2^3-10$

$3+8-10$

$11-10$

1

PEMDAS

$3\,(9+1) + 6^2$

$3(10) + 6^2$

$3(10) + 36$

$30 + 36$

66

PEMDAS

$$4+5 \times (6-2)$$

$$4+5 \times 4$$

$$4+20$$

$$24$$

PEMDAS

$$4 + 10 \times 2^3 - 16$$

$$4 + 10 \times 8 - 16$$

$$4 + 80 - 16$$

$$84 - 16$$

$$68$$

PEMDAS

$$21 + 10^2 \div 10$$

$$21 + 100 \div 10$$

$$21 + 10$$

$$31$$

PEMDAS

$10+7^2-2 \times 5$

$10+49-2 \times 5$

$10+49-10$

$59-10$

49

PEMDAS

$$64 \div (9 \times 3 - 19)$$

$$64 \div (27 - 19)$$

$$64 \div 8$$

$$8$$

Have fun doing the Order of ☺ Operations!