Order of Operations

43

÷

( )

+

-

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 43**

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 43

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

$3+23-(9+1)$

$3+23-10$

$3+8-10$

$11-10$

1

PEMDAS

$3\ (9+1) + 62$

$3(10) + 62$

$3(10) + 36$

$30 + 36$

66

PEMDAS

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

$4+5 \times 4$

$4+20$

24

PEMDAS

$4+10 \times 23 - 16$

$4+10 \times 8 - 16$

$4+80 - 16$

$84-16$

68

PEMDAS

$$21 + 102 \div 10$$

$$21 + 100 \div 10$$

$$21 + 10$$

$$31$$

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!