43

Order of Operations

÷

( )

+

-

X

Standard: MCC5OA1

EQ.: Why is important to follow an order of operations?

Macy brought some boxes of M&Ms to share with her class. She had 5 individual bags and 4 boxes that have 12 individual bags in each box. To determine how many bags of M&Ms Macy brought to class, evaluate 5 + 4 x 12.

Standard: MCC5OA1

EQ.: Why is important to follow an order of operations?

Aspen brought some bags of Blow-Pops to share with her class. She had 6 Blow-Pops and 4 bags that have 16 Blow-Pops in each bag. To determine how many Blow-Pops Aspen brought to class, evaluate 6 + 4 x 16.

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

or as we prefer….

Gorgeous Eels Morph

Daily At Sunset

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

Gorgeous Eels Morph Daily At Sunset

G Grouping Symbols ( ) { } [ ]

E Exponents 4^3

M **D** Multiply x

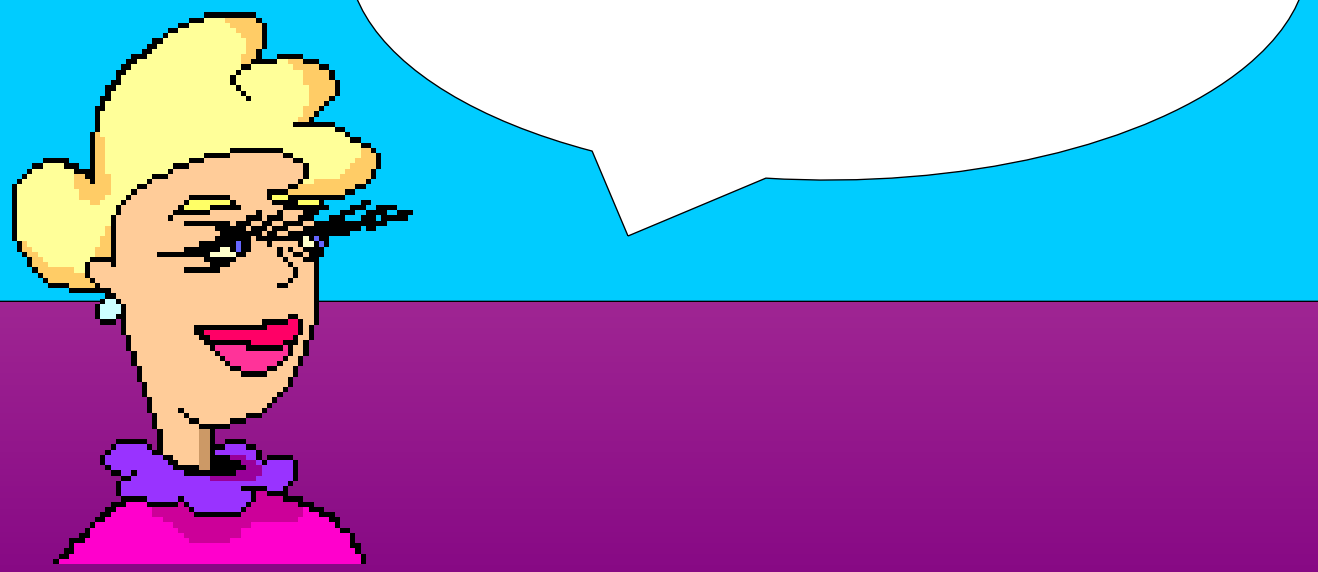
Divide ÷

A **S** Add +

Subtract -

Gorgeous **E**els **M**orph **D**aily **A**t **S**unset

Grouping Symbols ( )



Gorgeous **E**els **M**orph **D**aily **A**t **S**unset

Exponents 43

Always do Exponents 2nd.

43 = 4 x 4 x 4 = 64

Greasy Eggs Make Dogs Act Sick.

Multiply x

Divide ÷

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

Greasy Eggs Make Dogs Act Sick.

Add +

Subtract -

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

Let's Try Some ☺ Problems!

GEMDAS

$3+23-(9+1)$

$3+23-10$

$3+8-10$

$11-10$

1

GEMDAS

$3\,(9+1)+62$

$3(10)+62$

$3(10)+36$

$30+36$

66

GEMDAS

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

$4+5 \times 4$

$4+20$

24

GEMDAS

4+ 10 x 23 -16

4+10 x 8 -16

4+ 80 -16

84-16

68

GEMDAS

$21 + 102 \div 10$

$21 + 100 \div 10$

$21 + 10$

31

GEMDAS

$10+72-2 \times 5$

$10+\overline{49}-2 \times 5$

$10+49\overline{-\ 10}$

$59 - 10$

49

GEMDAS

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

$64 \div (27 - 19)$

$64 \div 8$

8

Have fun doing the Order of ☺ Operations!