

Name _____

Date _____

4-Step Order of Operations- Basics Lesson

Solve the following problem: $71 \times 32 + 4 \times 12 - 4$

To solve these types of problems, we have to use "PEMDAS" rule.
This rule depicts the correct sequence in which the operations are to be executed, so as to find out the value of a given expression.

'P' stands for 'Parenthesis',
'E' stands for 'exponents',
'M' for 'Multiplication',
'D' for 'Division',
'A' for 'Addition'
'S' for 'Subtraction'

For every expression, we will follow this rule in given order to get the correct answer.

$$71 \times 32 + 4 \times 12 - 4$$

Start at the top of the list and work your way down. Find the first operation.

71×32 + 4×12 - 4 Multiplication is the first operation that we must do.

$2,272 + 48 - 4$ Reevaluate and find the next operation down the list.

$2,272 + 48$ - 4 Addition

$2,320 - 4$ Perform the remaining operation.

$$2,316$$

