Order of Operations

Example #1

		As you scan from *left* to *right*, you encounter *addition* and *multiplication*.
P E <u>M</u> D A S		Do the *multiplication* first.
P E M D <u>A</u> S	4 + 48	Then, you do *addition*.
	52	is the answer.

Example #2

		As you scan from *left* to *right*, you encounter a set of *parentheses*.
<u>P</u> E M D A S		You must do what is inside the *parentheses* first.
P E <u>M</u> D A S		Now we do *multiplication*.
	72	is the answer.

Example #3

		As you scan from *left* to *right*, you encounter *division* followed by *multiplication*.
P E M <u>D</u> A S		You must do the *division* first.
P E <u>M</u> D A S		Then, you do *multiplication*.
	27	is the answer.

Example #4

	4 12 ÷ 3	As you scan from *left* to *right*, you encounter *multiplication* followed by *division*.
P E <u>M</u> D A S		This time, you do the *multiplication* first.
P E M <u>D</u> A S	48 ÷ 3	Now, you do *division*.