



Vocabulary: Order of Operations



Vocabulary

- Expression – a combination of numbers, variables, and/or operations.
 - For example, $x - 2$, $8m$, $r \div 6$, 7 , $3x + 4$, and $(2 + (\frac{5}{11})^2 - 0.3)$ are all expressions.
- Order of operations – a set of rules for evaluating an expression with more than one operation.
 - The acronym **PEMDAS** describes the order in which the operations should be performed.
 1. **P**arentheses – First, evaluate expressions inside parentheses or grouping symbols.
 2. **E**xponents – Then, evaluate powers.
 3. **M**ultiply, **D**ivide – Then, multiply and divide in order from left to right.
 4. **A**dd, **S**ubtract – Finally, add and subtract in order from left to right.

