

## Exercise 2

What is the order of operations? What acronym is used to describe the order of operations, and what does it stand for?

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### Solution

The order of operations is used to simplify algebraic expressions.

Parentheses  
Exponents  
Multiplication  
Division  
Addition  
Subtraction

Operations at the top of the list have higher priority than those at the bottom and should be done first. PEMDAS is the acronym used to describe this order; it stands for “Please Excuse My Dear Aunt Sally.”