**Harold’s PEMDAS**

**Cheat Sheet**

22 September 2025

**Order of Operations**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Mnemonic** | **Operation** | **Symbols** | **Order** | **Alt. Name** |
| **P** | Parenthesis | ( ), [ ], { } | Always do first | Grouping |
| **E** | Exponents | xn, x^n | Do next | Powers |
| **M**  **D** | Multiplication  Division | ⨯, ⦁  ÷, / | From Left to Right | Product  Quotient |
| **A**  **S** | Addition  Subtraction | +  - | From Left to Right | Sum  Difference |
|  | | | | |
|  | | | | |

**See Also**

* [Harold’s Prime Numbers Cheat Sheet](https://www.toomey.org/tutor/harolds_cheat_sheets/Harolds_Prime_Numbers_Cheat_Sheet.pdf)
* [Harold's Times Tables Worksheet](https://www.toomey.org/tutor/harolds_cheat_sheets/Harolds_Times_Tables_Worksheet.pdf)