Order of operations

- Explicit grouping:
  - round parentheses ( )
  - square brackets: [ ]
  - curly braces: { }
- Implicit grouping:
  - absolute value
  - horizontal division
  - exponent
- Standard order without grouping:
  - exponentiation
  - multiplication and division (left to right)
  - addition and subtraction (left to right)

$$2(3 + 4) = 2 \cdot 7 = 14$$

$$[2(3 + 4)]^5 = 14^5 = 537{,}824$$

$$|3 - 5| = |-2| = 2$$

$$\frac{2 \cdot 3}{2 + 4} = \frac{6}{6} = 1$$

$$2^{3+4} = 2^7 = 128$$

$$2 \cdot 3^4 = 2 \cdot 81 = 162$$

$$2 + 3 \cdot 4 = 2 + 12 = 14$$

$$4/2 \cdot 3 = 2 \cdot 3 = 6$$

$$4 - 2 + 3 = 2 + 3 = 5$$