

What are Infix, prefix, Postfix notations?

- **Infix notation:** $X + Y$ – Operators are written in-between their operands. This is the usual way we write expressions. An expression such as

$$A * (B + C) / D$$

- **Postfix notation (also known as “Reverse Polish notation”):** $X Y +$ Operators are written after their operands. The infix expression given above is equivalent to

$$A B C + * D /$$

- **Prefix notation (also known as “Polish notation”):** $+ X Y$ Operators are written before their operands. The expressions given above are equivalent to

$$/ A * + B C D$$