









Let's understand precedence and Associativity

BODMAS

=)
$$\rightarrow$$
 10 + $(20 * 2)$ => $(10 + 40)$ = 50 (Precedence)

$$\frac{7}{10+2} - 3 \Rightarrow 12 - 3 = 9$$
(Associativity (Lto R)

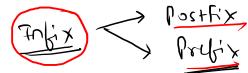
	Operator	Associativity
		Right to left
\rightarrow	* . /	1est to right
	+,-	10ft to right

+	brecegen (6
	\wedge
1+	
ht	precedure.

- .. ∧ > Exponent
- Precedence Coma when we your 5 or work oberapse
 - .> Precedence, Associativity helps us to parentheur expression.

2+375-6) 1011/1m





MAIVE METHOD

> Infix: x+y * Z

Sposifix + nyz ++

TL = " a+b * C "

olp: Post (a+(6*C)

=) (a+ (bc*))

j abc* t

Pref

$$\left(G + \left(b * C \right) \right)$$

$$=) \left(q + \left(* bc \right) \right)$$

$$= \left(\frac{x+y}{x+y} + 3 \right)$$

$$\left(\begin{array}{c} (xy+) * \overline{3} \end{array}\right)$$

$$=$$
 $\left(xy+z* \right)$

Prefix

$$=) \left(x + xy z \right)$$

The 9 0 1 6 1 C

$$\frac{\text{Poshfir}}{\text{(q } \land (b \land c))}$$

$$=) \left(\frac{\text{q } \land (b \land c)}{\text{q } \land (b \land c)}\right)$$

$$=) \left(\frac{\text{q } \land (b \land c)}{\text{q } \land (b \land c)}\right)$$

$$\left(\frac{(ab+) * (cd+)}{(ab+)}\right)$$

$$\frac{1}{x+ab+cd}$$

$$\frac{1}{100} = \frac{1}{100} = \frac{1}$$