



$8-1+2$

Infix = $8-1+2$
 $(8-(1+2))$
 $(-8(1+2))$
 $(-8+(1)(2))$

// Add right parentheses at end of notation

Prefix = $-8+12$

Infix = $8-1+2$
 Prefix = $-8+12$
 $(-8(1)(2))$
 $(-8(1)(2)+)$
 $(8(1)(2)+-)$

Postfix = $812+-$

By Infix expression

$8-1+2$

$(8-1+2)$

$(-8)1+2)$

$(-8)+1)2)$

Prefix $(((-8)+1)2)$

// Add right parentheses at the end of notation

✓ // Look left & right

// If an operand is found post it onto stack

// if an operator is found then

remove the top two elements from stack &

evaluate value = top (operator) top -1

put result back to stack