

NOTATION

1. Convert this infix expression into a prefix expression.

$$A^2 + B * (A - B)^2 - C / A * (B^2 - C)$$

2. Evaluate the following postfix expression:

$$2\ 3\ 9\ +\ * \ 6\ / \ 8\ 2\ / \ 6\ 4\ +\ * \ 5\ / \ -$$

3. Convert this infix expression into a postfix expression.

$$\frac{A^2 (B + C)}{A - C} + \frac{A + B}{C^2}$$

4. Evaluate this following prefix expression. All numbers are single digits.

$$+\ +\ / \ * \ 3 \ \uparrow \ + \ 2 \ 8 \ 2 \ \uparrow \ 5 \ 2 \ 4 \ / \ * \ 6 \ 8 \ * \ 4 \ 3$$