

This project asks you to evaluate an expression given in postfix notation (or reverse Polish notation).

The expression  $5 \ 7 \ + \ 6 \ -$  represents  $(5 + 7) - 6$ . When it is evaluated in the notation, the steps are done by doing one calculation at a time. For this expression, the steps are

$$5 \ 7 \ + \ 6 \ -$$

$$\longrightarrow 12 \ 6 \ -$$

$$\longrightarrow 6$$

Give the steps, where you do just one operation at a time, for the evaluation of the following expression given in postfix notation.

$$1 \ 2 \ 3 \ \uparrow \ 4 \ + \ 5 \ \cdot \ + \ 6 \ 7 \ - \ + \ 8 \ 9 \ 10 \ \cdot \ - \ \div$$