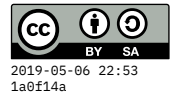


Quiz 4

10 April 2019



Time limit is 20 minutes. You may use a calculator, but no book, notes, or communication.

Questions

1. Below are two expressions written in **prefix notation**. Evaluate them and show the final result. **Note:** thanks to the parentheses, a prefix operator can have more than two operands.

- $(* (+ 4 1) (- (+ 5 2) 3))$

- $(- (+ 3 5 4) (* 2 (+ 2 1) 2))$

(over)

2. Below are two expressions written in **postfix notation**. Evaluate them and show the final result.

• 7 3 2 * 4 - +

• 3 5 4 + + 2 2 1 + 2 * * -