# Reverse Polish notation worksheet

1. What is the purpose of RPN?

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1. Explain how the stack is used for converting from RPN to infix

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1. Convert the following expression to infix and evaluate
   1. 5 3 - ………………………………………………………………………………
   2. 2 3 4 + \* ………………………………………………………………………………
   3. 7 5 + 2 / ………………………………………………………………………………
2. Convert the following infix expressions to RPN
   1. 5 - (9 + 3) / 3 ………………………………………………………………………………
   2. 5 x 2 + 4 / 2 ………………………………………………………………………………