Accumulator Machine Example

An “accumulator machine” is a very simple computer that has a single memory location called the “accumulator.” The available instructions are:

- **ADD value**: Adds value to the accumulator
- **SUB value**: Subtracts value from the accumulator
- **MUL value**: Multiples accumulator by value
- **DIV value**: Divides accumulator by value
- **PRINT**: Prints the accumulator to the screen

You’re the Compiler

Write the accumulator machine instructions (and the value of the accumulator at each step) that will correctly calculate the following and print the result. Note that the accumulator is initialized to 0.

\[ 7 + 39 \times 17 / 13 - 8 \]

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<th>Instruction</th>
<th>Accumulator</th>
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