

Expression Correction

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This is a straightforward problem. The limits allow for exhaustively checking all possible ways to move a digit, then parse the equality and check if it is a correct one. However, there are many corner cases that should be taken care of, including the following ones:

- Make sure that numbers with leading zeros are not allowed (WA 3).
- Make sure that 11-digit numbers are not allowed (WA 5).
- Make sure that you only move digits, not other characters (WA 6).
- Make sure that you allow zero “0” as a valid number (WA 7).
- Make sure that “empty” number is not allowed (WA 23).
- Make sure that “00” is not considered a valid number (WA 24).
- Make sure that expressions don’t start with ‘+’ or ‘-’ (WA 50).