

B1 – Math

You are on planet jj and they do math a bit differently. Math is done using the following operators: @, % and #. @ is multiply by 3. % is add 5. # is subtract 7. That is all they can do in terms of math operations. Each expression will start with a number and then a list of operators. An expression is evaluated from left to right.

Input

The data set will contain an expression to solve.

Output

Print out the answer formatted to 2 decimal places.

Example

Input:	Output:
3 @ %	14.00

Input:	Output:
10.4 # % @	25.20

Input:	Output:
8 # *	1.00