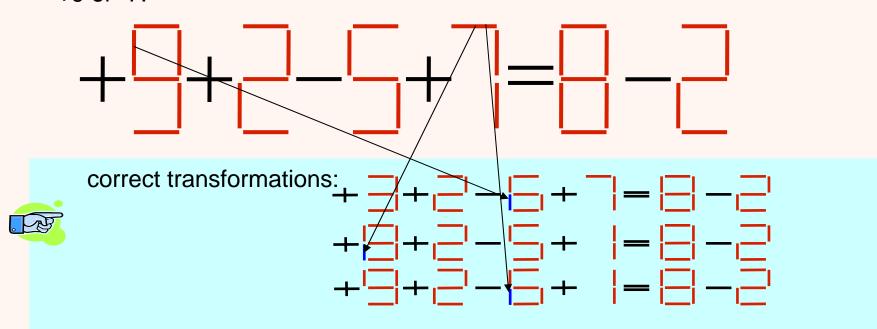# Level 4

Catalysts

The terms can be arbitrarily long, but still can only contain + and – as operators. The + and – signs can also be used as unary operators, such as +9 or -7.

$$+9+2-5+7=8-2$$

correct transformations:

$$+3+2-5+7=8-2$$

$$+6+2-5+1=8-2$$

$$+9+2-1+1=8-2$$

further examples:

9+2-3-1=8-4 ➜ 6+2-3-1=8-4

input and output formats   Catalysts

input: <*wrong equation as* term=term>
- – term with add (+) and subtract (-) operators
- – no blanks
- – example: 9+2-3-1=8-4

output: <*correct equation as* term=term>
- – term with add (+) and subtract (-) operators
- – no blanks
- – only one solution, also if several alternative solutions exist
- – example: 6+2-3-1=8-4

Press Request Tests to get test cases in the format described above.

Feed your program with these inputs.

Feed CatCoder with the outputs of your program.

Press Submit Tests so that CatCoder checks your results.