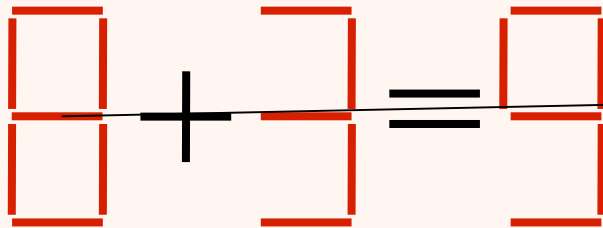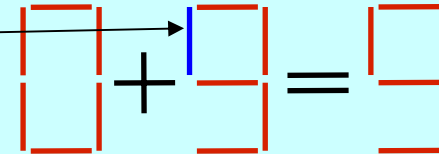# Level 3   Catalysts

For correcting equations it is now also allowed to move one line segment (match) between digits. It is still OK to move the match within one digit. Overall, only one match can be moved.

correct transformation:

$8 + 3 = 9$ → $0 + 9 = 9$

👉 further example:

1=2+6 ➜ 7=2+5

possible digit changes

- You can, for example, transform a 6 to a 5 by removing a match.

- By adding a match you can transform, for example, a 0 to 8.

	remove	add
0		8
1		7
2		
3		9
4		
5		6 9
6	5	8
7	1	
8	0 6 9	
9	3 5	8

input and output formats

input: <*wrong equation as* term=term>
- term with add (+) and subtract (-) operators
- no blanks
- example: 1=2+6

output: <*correct equation as* term=term>
- term with add (+) and subtract (-) operators
- no blanks
- only one solution, also if several alternative solutions exist
- example: 7=2+5

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.