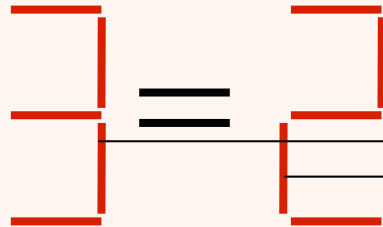


Level 1

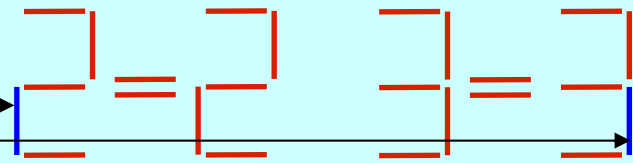
Catalysts

Correct a wrong equation (one digit consists of **red** line segments, like matches). It is only allowed to move **ONE** line segment within a digit (**blue** line segment in the example).



The image shows the equation $3 = 2$ constructed from red line segments. The digit '3' is formed by five segments: a top horizontal, a middle horizontal, a bottom horizontal, and two vertical segments. The digit '2' is formed by four segments: a top horizontal, a middle horizontal, a bottom horizontal, and two vertical segments. An arrow points from the middle horizontal segment of the '3' to the right, indicating a move.

correct transformations:



The image shows two possible correct transformations. The first transformation is $2 = 2$, where the middle horizontal segment of the original '3' has been moved to the top of the '2'. The second transformation is $3 = 3$, where the middle horizontal segment of the original '3' has been moved to the bottom of the '3'. In both cases, the moved segment is highlighted in blue.



hints:

Your solution should not only work for the digits 2 and 3, but for all digits 0 to 9.



further example:

$5 = 3 \rightarrow 5=5$ or $3=3$

representation of digits

- the digits 0 to 9 can be represented by segment lines (matches) as shown in the left table column
- by moving a segment line within a digit, you can, for example, transform digit 0 to either digit 6 or digit 9



Catalysts

	move
0	6 9
1	
2	3
3	2 5
4	
5	3
6	0 9
7	
8	
9	0 6

input and output formats

Catalysts

input: *<wrong equation as digit=digit>*

- no blanks
- example: 3=2

output: *<correct equation as digit=digit>*

- no blanks
- only one solution, also if several alternative solutions exist
- example: 3=3

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.