

E	How Dumb one can be	Time limit: 1 sec
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**Problem:**

Shakil is the dumbest person in the empire of Mathematica. King of Mathematica, “you know who” does not like those who are not very good at math. He gives order to his soldiers that if they find anyone who is not very good at math they should shoot him on sight. Do Math or Die, there is no try is the rule of Mathematica. Be a very gentle person you are very keen to help him. You know that soldiers will ask shakil to solve a equation of x. For simplicity there will be only one unknown variable in the equation which is ‘x’ (small letter ‘x’). Shakil needs to find the value of x. If he fails to find actual result of x, soldiers will immediately execute him.

Say if the given equation is  $x + 2 = 4$  then you know that value of x in this equation is  $x = 2$ . Value of x can be any natural number. For floating point simplicity you should print 2 decimal points after point.

**Input:**

The first line contains an integer T i.e. the number of Test cases. T test cases follow. Each test case will contain one line of equation of unknown variable x.

$1 \leq T \leq 40$

**Output:**

For each test case, print a line “Case a: x = b” where ‘a’ is replaced by the test case number and ‘b’ is the value of x in this equation.

Input	Output
3 $x + 2 = 4$ $x * ( 1 + 2 ) / 2 = x + 3$ $2 * x = 5$	Case 1: x = 2.00 Case 2: x = 6.00 Case 3: x = 2.50