Write a Python program that reads C number of cases. Each case corresponds to an integer value N. Each value of N must generate the multiplication table for N up to 5 multiples (from 1 to 5).

INPUT

The input begins with a line indicating the number C of cases, followed by C lines, each line with an integer value corresponding to N.

OUTPUT

The output should print the following for each value of N.

- Five lines with the unquoted message «**J x N = R**» where J is the value of each multiple, with $1 \leq J \leq 5$; **N** corresponds to the value of N and **R** corresponds to the result of the multiplication of **J * N**.

INPUT	OUTPUT
2	1 x 3 = 3
3	2 x 3 = 6
2	3 x 3 = 9
	4 x 3 = 12
	5 x 3 = 15
	1 x 2 = 2
	2 x 2 = 4
	3 x 2 = 6
	4 x 2 = 8
	5 x 2 = 10