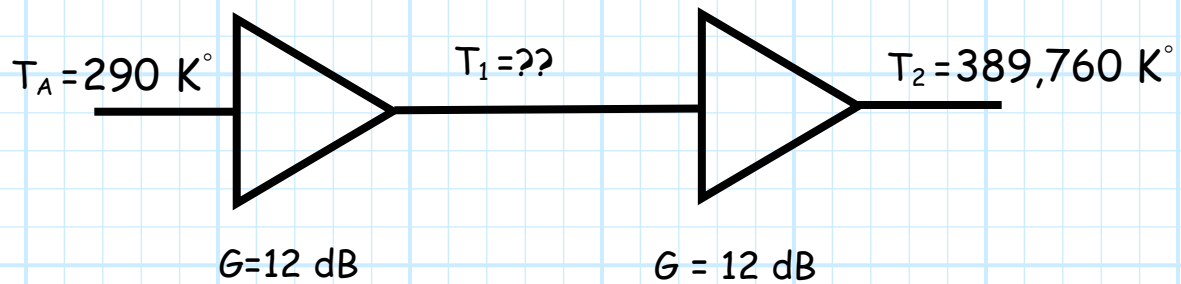


Special Problem 4.C-6

Two **identical** amplifiers are connected in series, as shown below.

The temperature of the noise at the **second amplifier output** is $T_2 = 389,760 \text{ K}^\circ$



Determine the temperature of the noise at the output of the **first** amplifier.