EQUILIBRIUM LESSON-4 QUIZ: EQUILIBRIUM CALCULATIONS III

1. A 5.00 L container, initially containing 2.60 mol of bromine and 2.60 mol of chlorine, is heated to 450 K.

$$Br_2(g) + Cl_2(g) \Rightarrow 2 BrCl(g)$$
 $K_{450 K} = 28.8$

Calculate the equilibrium concentrations of all species. Clearly show your process.