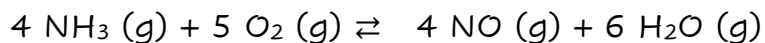
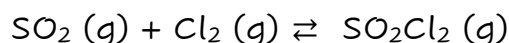


K_c and K_p

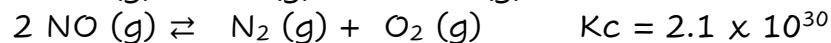
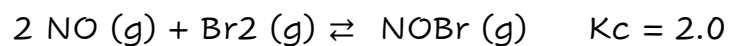
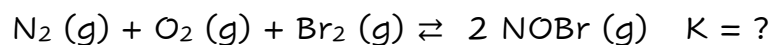
1. Write both K_p and K_c for the following reaction.



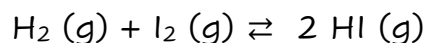
2. The following reaction has K_c = 18.7. Calculate K_p at the same temperature. Once equilibrium has been reached, are products or reactants favored?



3. Use the data below to calculate K for the following reaction at 25.0 °C.



4. The following reaction has K_p = 49 at 729 K



Calculate K_c.