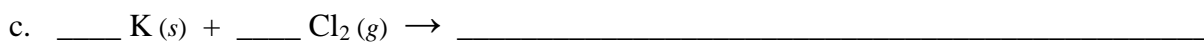
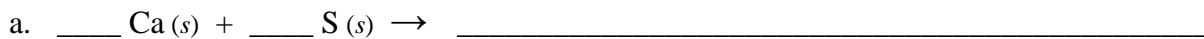
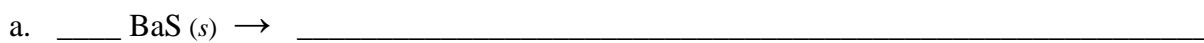


Write the products for each chemical reaction, including states. Then balance the chemical equation. Fill in all coefficients, including those for which the value is one (1).

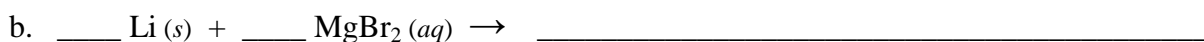
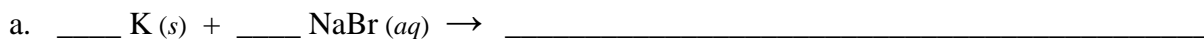
1. Synthesis Reactions (**S**) (direct combination – redox):



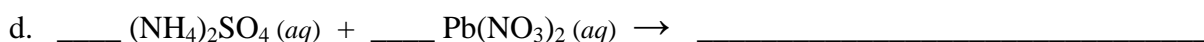
2. Decomposition Reactions (**D**) (often redox, sometimes metathesis):



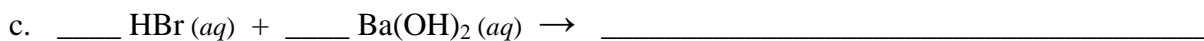
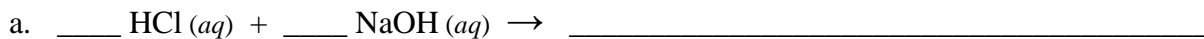
3. Single Replacement Reactions (**SR**) (redox – use activity series):



4. Precipitation Reactions (**PR**) (“double replacement”, “double displacement” – metathesis):



5. Acid-base Reactions (**A-B**) (neutralization):



6. Combustion Reactions (**C**) (redox – burning a hydrocarbon, or CHO compound):



7. Write letter code (see above) for the type of reaction in the first space, then complete and balance the chemical equation:

type

