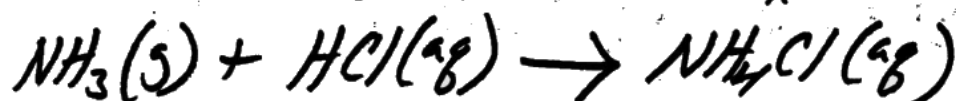


Section 8.1 Complete the following assignment in your class notebook
with the heading: Balancing Equations (II)

Partial Key

Write balanced chemical equations (including phases!) for each of the following reactions.

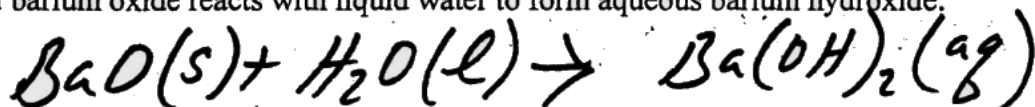
1. Gaseous ammonia reacts with aqueous hydrochloric acid to form ^{aq.}ammonium chloride.



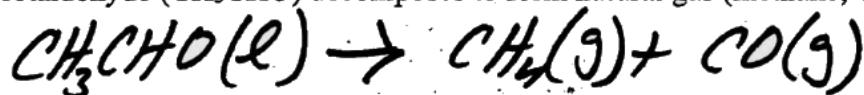
2. When heated solid calcium carbonate decomposes to form solid calcium oxide and gaseous carbon dioxide.



3. Solid barium oxide reacts with liquid water to form aqueous barium hydroxide.



4. Liquid acetaldehyde (CH_3CHO) decomposes to form natural gas (methane, CH_4) and carbon monoxide gas.



5. Zinc reacts with aqueous copper(II) nitrate to form aqueous zinc nitrate and copper.

