Answers To Honors Final Exam Review #3

1. 2 KI(aq) + Pb(NO3)2 🡪 PbI2(s) + 2 KNO3
2. 2 HNO3(either l or aq is fine) + Ca(OH)2(s) ­­🡪 2 H2O(l) + Ca(NO3)2(aq) ΔH = -
3. No reaction: Al(OH)3 is solid.
4. Products are 2 KNO(3) + BaSO4
5. No reaction: Lithium is more active than zinc
6. 61.7 grams. The problem is solved by doing stoichiometry where you start with 350 grams of ammonia at the top left and then convert to hydrogen.