Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_

Balance the following chemical equations.

1. \_\_\_\_\_C2H6(g) + \_\_\_\_\_O2(g) ---> \_\_\_\_\_H2O(g) + \_\_\_\_\_CO2(g)
2. \_\_\_\_\_O2 + \_\_\_\_\_C6H12O6 ---> \_\_\_\_\_H2O + \_\_\_\_\_CO2
3. \_\_\_Br2(g) + \_\_\_H2O(l) + \_\_\_SO2(g) ---> \_\_\_HBr(aq) + \_\_\_H2SO4(aq)
4. \_\_\_\_\_KOH + \_\_\_\_\_H3PO4 ---> \_\_\_\_\_K3PO4 + \_\_\_\_\_H2O
5. \_\_\_\_\_Mg + \_\_\_\_\_N2 ---> \_\_\_\_\_Mg3N2
6. \_\_\_\_\_KNO3(s) ---> \_\_\_\_\_KNO2(s) + \_\_\_\_\_O2(g)
7. \_\_\_\_\_Fe + \_\_\_\_\_H2SO4 ---> \_\_\_\_\_Fe2(SO4)3 + \_\_\_\_\_H2
8. \_\_\_\_\_MgCO3(s) ---> \_\_\_\_\_MgO(s) + \_\_\_\_\_CO2(g)
9. \_\_\_\_Cl2 + \_\_\_\_NaBr 🡪 \_\_\_ NaCl + \_\_\_Br2
10. \_\_\_\_\_H2 + \_\_\_\_N2  -> \_\_\_\_\_\_ NH3