## **Balance the following equation**

$$KOH + H_3PO_4 \longrightarrow K_3PO_4 + H_2O$$

$$NH_3 + O_2 \longrightarrow NO + H_2O$$

$$AL + O_2 \longrightarrow AL_2O_3$$

$$CO + H_2 \longrightarrow C_8H_{18} + H_2O$$

$$Au_2S_3 + H_2 \longrightarrow Au + H_2S$$

$$Hg(OH)_2 + H_3PO_4 \longrightarrow Hg_3(PO_4)_2 + H_2O$$

$$Ba_3N_2 + HF \longrightarrow Sif_4 + H_2O$$

$$CaCl_2 + Na_3PO_4 \longrightarrow Ca_3(PO_4)_2 + NaCl$$

$$FeS + O_2 \longrightarrow Fe_2O_3 + SO_2$$