Warm Up - balance the following equations.

$$S_8 + O_2 \longrightarrow SO_3$$
 $HgO \longrightarrow Hg + O_2$
 $Zn + HCI \longrightarrow H_2 + ZnCI_2$
 $KCIO_3 \longrightarrow KCI + O_2$
 $KCIO_3 \longrightarrow KCIO_4 + KCI$