**Balanced or not?**

**Count the atoms on each side of the arrow and identify whether the equation is balanced or not.**

**Remember if you don’t see a number in front or behind that means it is 1!**

1. **2** H2 + O2 ---> **4** H2O
2. **2** HgO ---> **2** Hg + O2
3. **6** CO2 + **6** H2O ---> C6H12O6 + **6** O2
4. **3** Zn + **4** HCl ---> **4** ZnCl2 + **2** H2
5. SiCl4 + **4** H2O ---> H4SiO4 + **4** HCl
6. **2** Na + H2O ---> **2** NaOH + H2
7. **4** H3PO4 ---> **2** H4P2O7 + **2**  H2O
8. C10H16+ **7** Cl2---> **10** C + **16** HCl
9. **2** CO2 + **4** NH3 ---> **2** OC(NH2) 2+ **2** H2O
10. **4** Si2H3 + **11** O2 ---> **8** SiO2 + **6** H2O
11. **2** Al(OH) 3 + **3** H2SO4 ---> Al2 (SO4) 3 + **6**  H2O
12. **4** Fe + **3** O2 ---> **4**  Fe2O3