



- ❖ $2(6.022 \times 10^{23})$ molecules of hydrogen react with every $1(6.022 \times 10^{23})$ molecules of oxygen to form $2(6.022 \times 10^{23})$ molecules of water.
- ❖ 2 moles of hydrogen react with every 1 mole of oxygen to form 2 moles of water.