

### Devoir #3 – Les équations chimiques balancées

- 1)  $\underline{\quad} \text{AlBr}_3 + \underline{\quad} \text{K} \rightarrow \underline{\quad} \text{KBr} + \underline{\quad} \text{Al}$
- 2)  $\underline{\quad} \text{FeO} + \underline{\quad} \text{PdF}_2 \rightarrow \underline{\quad} \text{FeF}_2 + \underline{\quad} \text{PdO}$
- 3)  $\underline{\quad} \text{P}_4 + \underline{\quad} \text{Br}_2 \rightarrow \underline{\quad} \text{PBr}_3$
- 4)  $\underline{\quad} \text{LiCl} + \underline{\quad} \text{Br}_2 \rightarrow \underline{\quad} \text{LiBr} + \underline{\quad} \text{Cl}_2$
- 5)  $\underline{\quad} \text{PbBr}_2 + \underline{\quad} \text{HCl} \rightarrow \underline{\quad} \text{HBr} + \underline{\quad} \text{PbCl}_2$
- 6)  $\underline{\quad} \text{CoBr}_3 + \underline{\quad} \text{CaSO}_4 \rightarrow \underline{\quad} \text{CaBr}_2 + \underline{\quad} \text{Co}_2(\text{SO}_4)_3$
- 7)  $\underline{\quad} \text{Na}_3\text{P} + \underline{\quad} \text{CaF}_2 \rightarrow \underline{\quad} \text{NaF} + \underline{\quad} \text{Ca}_3\text{P}_2$
- 8)  $\underline{\quad} \text{Mn} + \underline{\quad} \text{HI} \rightarrow \underline{\quad} \text{H}_2 + \underline{\quad} \text{MnI}_3$
- 9)  $\underline{\quad} \text{Li}_3\text{PO}_4 + \underline{\quad} \text{NaBr} \rightarrow \underline{\quad} \text{Na}_3\text{PO}_4 + \underline{\quad} \text{LiBr}$
- 10)  $\underline{\quad} \text{CaF}_2 + \underline{\quad} \text{Li}_2\text{SO}_4 \rightarrow \underline{\quad} \text{CaSO}_4 + \underline{\quad} \text{LiF}$
- 11)  $\underline{\quad} \text{HBr} + \underline{\quad} \text{Mg}(\text{OH})_2 \rightarrow \underline{\quad} \text{MgBr}_2 + \underline{\quad} \text{H}_2\text{O}$
- 12)  $\underline{\quad} \text{LiNO}_3 + \underline{\quad} \text{CaBr}_2 \rightarrow \underline{\quad} \text{Ca}(\text{NO}_3)_2 + \underline{\quad} \text{LiBr}$