

Balancing Chemical Equations Worksheet

PART A: WRITE THE TOTAL NUMBER OF ATOMS FOR EACH ELEMENT IN THE EQUATIONS BELOW

Equation	Reactants	Products
1. $__ P_4 + __ O_2 \rightarrow __ P_2O_5$	P: $_____$, O: $_____$	P: $_____$, O: $_____$
2. $__ K + __ H_2O \rightarrow __ KOH + __ H_2$	K: $_____$, H: $_____$, O: $_____$	K: $_____$, H: $_____$, O: $_____$
3. $__ Na + __ Cl_2 \rightarrow __ NaCl$	Na: $_____$, Cl: $_____$	Na: $_____$, Cl: $_____$
4. $__ H_2 + __ O_2 \rightarrow __ H_2O$	H: $_____$, O: $_____$	H: $_____$, O: $_____$
5. $__ Fe + __ S \rightarrow __ FeS$	Fe: $_____$, S: $_____$	Fe: $_____$, S: $_____$

PART B: LOOK AT THE EQUATIONS BELOW AND DECIDE IF THEY ARE BALANCED OR NOT BALANCED

