

## Introduction to Balancing Chemical Equations

Word Equation → Hydrogen gas and Chlorine gas combine to make Hydrochloric acid

Chemical equation →

Balanced Equation :

Why is the Chemical equation above not a balanced equation?

Word Equation → Hydrogen gas and Oxygen gas combine to make Water

Chemical Equation →

Why can't we just change the subscripts to make the equation balance?



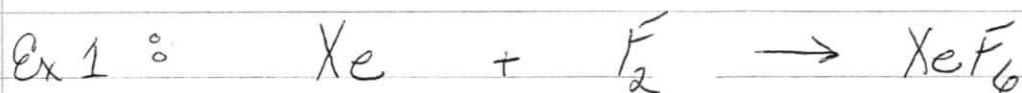
N:

N:

H:

H:

## Balancing Chemical Equations Practice Problems

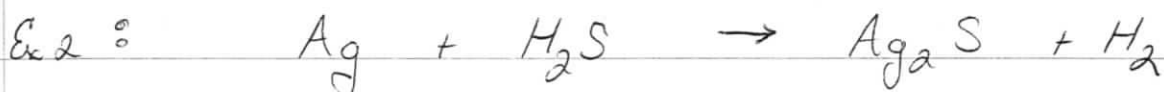


Xe:

F:

Xe:

F:



Ag:

H:

S:

Ag:

H:

S:



K:

O:

H:

C:

K:

O:

H:

C:

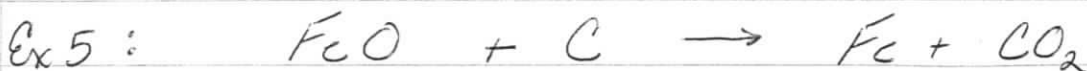


Na:

Cl:

Na:

Cl:



Fe:

O:

C:

Fe:

O:

C:

