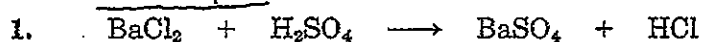


A Balancing Act

Are the following equations balanced? Prove each one.

Balance each of the following equations. You may wish to refer to the rules of balancing in Figure 8-7 on page 187 of your textbook.

Example



$$\text{Ba} = 1 \quad \text{S} = 1$$

$$\text{Cl} = 2 \quad \text{O} = 4$$

$$\text{H} = 2$$

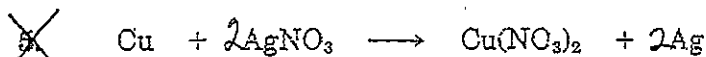
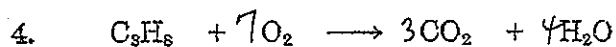
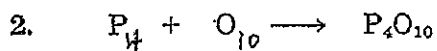
$$\text{Ba} = 1 \quad \text{H} = 1$$

$$\text{S} = 1 \quad \text{Cl} = 1$$

$$\text{O} = 4$$

Unbalanced

- Unequal amount of Cl and H
in our reactant and product



Balancing Equations

