

**Convert the following word equations into balanced chemical equations with correct state symbols:**

**1. Sodium + Sulphur  $\longrightarrow$  Sodium sulphide**

**2. Mercury + Oxygen  $\longrightarrow$  Mercury(II) oxide**

**3. Barium + Water  $\longrightarrow$  Barium hydroxide + Hydrogen**

**4. Silver carbonate  $\longrightarrow$  Silver + Carbon dioxide + Oxygen**