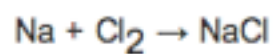


1. Write the following sentence as a chemical equation:

Iron (Fe) and chlorine gas (Cl_2) reacts to form iron (III) chloride (FeCl_3)

- A FeCl_3
- B $\text{Fe} \& \text{Cl}_2 \rightarrow \text{FeCl}_3$
- C $\text{Fe} + \text{Cl}_2 = \text{FeCl}_3$
- D $\text{Fe} + \text{Cl}_2 \rightarrow \text{FeCl}_3$

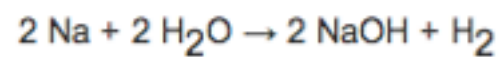
2. Translate the following equation into a sentence:



Na = sodium metal, Cl_2 = chlorine gas, NaCl = sodium chloride

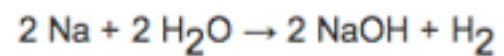
- A Sodium chloride is made from sodium atoms and chlorine atoms
- B Sodium metal and chlorine gas react to form sodium chloride
- C Sodium metal is a reactant and sodium chloride is a product
- D The chemical formula of sodium chloride is NaCl

3. What is the coefficient for hydrogen (H₂) in the equation below?



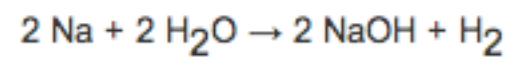
- A 1
- B 2
- C 4
- D 8

4. What are the reactants in the equation below?



- A Na
- B H₂O
- C Na and H₂O
- D NaOH and H₂

5. What are the products in the equation below?



- A Na
- B H₂
- C Na and H₂O
- D NaOH and H₂

Answer Key:

1. D

2. B

3. A

4. C

5. D