

## Worksheet: Chemical Reactions and Equations

Maharashtra State Board · Class 10 · Science · 4 questions · 10 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 10

**Q1.** Balance:  $\text{Mg} + \text{O}_2 \rightarrow \text{MgO}$  [1 mark]

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**Q2.** Identify type:  $\text{Zn} + 2\text{HCl} \rightarrow \text{ZnCl}_2 + \text{H}_2$  [1 mark]

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**Q3.** Classify and balance:  $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$  [3 marks]

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**Q4.** Explain corrosion (rusting) of iron and methods to prevent it. [5 marks]

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