

# Reactions of acids

Write a balanced symbol equation for the following reactions:

1. Sodium oxide + hydrochloric acid
2. Potassium hydroxide + sulfuric acid
3. Magnesium + nitric acid
4. Sodium hydroxide + nitric acid
5. Calcium carbonate + hydrochloric acid
6. Zinc carbonate + sulfuric acid
7. Magnesium hydroxide + hydrochloric acid
8. Iron + hydrochloric acid to make Iron (III) chloride
9. Copper (II) oxide + nitric acid
10. Sodium carbonate + calcium hydroxide

Bonus Round – May require research!

- Citric acid + sodium hydroxide
- Benzoic acid + potassium hydroxide
- Ethanoic acid + magnesium

USE YOUR IONS SHEET