

## Science 1.8 AS 90947 Investigate selected chemical reactions

What reaction is that?

**Success Criteria: complete each level before moving onto the next**

- Basic: **match reactants** with **reaction type**
- Proficient: write the **name of the product/products** formed
- Advanced: write the **formula of the product/products** formed

Reaction types to select from are: **displacement, precipitation, combination, thermal decomposition**

1. sodium carbonate solution and copper nitrate solution are mixed together.

Reaction type: \_\_\_\_\_

Name of product/s \_\_\_\_\_

Formula of product/s \_\_\_\_\_

2. A piece of magnesium metal is added into copper nitrate solution.

Reaction type: \_\_\_\_\_

Name of product/s \_\_\_\_\_

Formula of product/s \_\_\_\_\_

3. copper carbonate powder is heated in a boiling tube over a Bunsen burner.

Reaction type: \_\_\_\_\_

Name of product/s \_\_\_\_\_

Formula of product/s \_\_\_\_\_

4. Iron metal fillings and solid sulfur are heated together.

Reaction type: \_\_\_\_\_

Name of product/s \_\_\_\_\_

Formula of product/s \_\_\_\_\_

