

Name:

Date:

Limiting Reactants

GCSE CHEMISTRY

Mark

Grade

Materials

For this paper you must have:

- Ruler
- Pencil and Rubber
- Scientific calculator, which you are expected to use when appropriate

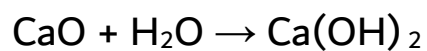
Instructions

- Answer all questions
- Answer questions in the space provided
- All working must be shown

Information

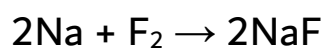
- The marks for the questions are shown in brackets

1. What mass of calcium hydroxide is formed when 10.0 g of calcium oxide reacts with 10.0 g of water?



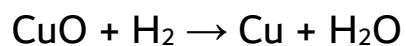
Answer:

2. What mass of sodium fluoride is formed when 2.30 g of sodium reacts with 2.85 g of fluorine?



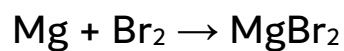
Answer:

3. What mass of copper is formed when 2.00 g of copper(II) oxide reacts with 1.00 g of hydrogen?



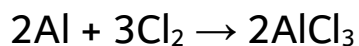
Answer:

4. What mass of magnesium bromide is formed when 1.00 g of magnesium reacts with 5.00 g of bromine?



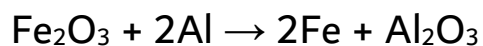
Answer:

5. What mass of aluminium chloride is formed when 13.5 g of aluminium reacts with 42.6 g of chlorine?



Answer:

6. What mass of iron is formed when 8.00 g of iron(III) oxide reacts with 2.16 g of aluminium?



Answer: