

Chemistry Unit 8 Worksheet 4

Samples of Every Kind of Problem

Let us suppose that during "paper", writing a composition, you have to write at least 200 words per day. Suppose that you write 100 words per day for 10 days. How many words do you have left to write?

1. A chemist has 100 grams of sodium chloride (NaCl) and 100 grams of sodium hydroxide (NaOH). How many grams of sodium chloride are left after the reaction?

Equation:	$\text{NaCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{NaOH}$
Reactants:	100 g 100 g
Products:	100 g 100 g
Answer:	0 g

0 grams of sodium chloride are left.

2. A chemist has 100 grams of sodium chloride (NaCl) and 100 grams of sodium hydroxide (NaOH). How many grams of sodium chloride are left after the reaction?

Equation:	$\text{NaCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{NaOH}$
Reactants:	100 g 100 g
Products:	100 g 100 g
Answer:	0 g

0 grams of sodium chloride are left.

3. A chemist has 100 grams of sodium chloride (NaCl) and 100 grams of sodium hydroxide (NaOH). How many grams of sodium chloride are left after the reaction?

Equation:	$\text{NaCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{NaOH}$
Reactants:	100 g 100 g
Products:	100 g 100 g
Answer:	0 g

0 grams of sodium chloride are left.

4. A chemist has 100 grams of sodium chloride (NaCl) and 100 grams of sodium hydroxide (NaOH). How many grams of sodium chloride are left after the reaction?

$\text{NaCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{NaOH}$

Equation:	$\text{NaCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{NaOH}$
Reactants:	100 g 100 g
Products:	100 g 100 g
Answer:	0 g

0 grams of sodium chloride are left.

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Lauren Gardner



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