Ground Level Questions



★ **Fill in the blanks using the words below. Words can be used twice.**

Atom(s) compound mixture element salt

1. The smallest unit of an element that still has the properties of that element is called an _____.

2. A _____ _____ is made up of two or more elements that are chemically bonded together.

3. In a _____, the substances are not chemically combined and can often be separated by physical means.

4. Water (H_2O) is an example of a _____ _____ because it contains hydrogen and oxygen chemically joined.

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Ground Level Questions



5. A _____ contains only one type of atom.

6. The chemical formula NaCl represents the compound known as _____.

7. Air is an example of a _____ because it contains different gases that are not chemically bonded.

8. A molecule of oxygen (O_2) is made of two oxygen _____ bonded together.

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Level Up Questions



★★ Categorize the substances below as element, compound, or mixtures

Oxygen gas	Table salt	Air	Carbon	Water
Carbon dioxide	Brass	Hydrogen gas	Sugar	Salad

Elements	***Compounds***	***Mixtures***

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Booster Level



☆☆☆ **You are given some substance. You don't know if it's a compound or a mixture.**

Design a simple experiment or set of steps to help you identify what it is.

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Booster Level



☆☆☆ **You are given some substance. You don't know if it's a compound or a mixture.**

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