

Solid liquid gas in a container

Instructions: Fill in the blanks with the correct word from the box. Word Bank: solid, liquid, gas, volume, container A _____ has a definite shape and volume. A _____ takes the shape of its ...

a) Gas fills container with no visible shape; liquid flows and takes shape of container; solid is rigid and keeps its shape. b) Gas has no defined volume; liquid takes shape of container; solid ...

Core Answer Solid: Definite shape. Liquid: Takes the shape of its container. Gas: No definite shape, expands to fill available space. Solids have a fixed shape, liquids conform to the shape ...

Problem Analysis The problem requires classifying items into states of matter: solid, liquid, or gas. The provided definitions for each state are accurate. The task is to correctly match each item ...

Kinetic Theory of Matter states that "All matter is made up of microscopic particles in random motion with space between them." All the objects around us are called matter and there are various phases of matter. The most ...

I can see: 1 Encircle the correct option. The forces of attraction are weakest among: Solids Liquids Gases Plasma When a solid object is heated its particles begin to: Vibrate fast Vibrate slowly ...

Water has three states of matter: solid ice, liquid water and gaseous steam. The difference between each state is the arrangement of the particles. Particles in a solid... In a solid, particles are arranged in a fixed pattern, with ...

A liquid is made from the combination of molecules. These liquids have definite volume but no definite shape. These state of matter possess viscosity along with surface tension. Intermolecular forces are stronger in ...

Plasma, in physics, an electrically conducting medium in which there are roughly equal numbers of positively and negatively charged particles, produced when the atoms in a gas become ionized. It is sometimes referred to ...

How Sublime! Solid carbon dioxide is also called dry ice. That's because when it gets warmer and changes state, it doesn't change to a liquid by melting. Instead, it changes directly to a gas without going through the liquid ...

Liquids possess a definite volume but take the shape of their container. The particles in a liquid are closely packed, similar to solids, but they have more freedom to move around and slide ...

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Problem Analysis The task is to classify the given substances (wood, helium, glass, hydrogen, ice, juice, urine, blood, plastic, mercury, oil, air, water, nitrogen, rock, oxygen, fluorine, sand) into ...

This neat row of cola bottles represents matter in three different states-- solid, liquid, and gas. The bottles and caps are solids, the cola is a liquid, and carbon dioxide dissolved in the cola is a gas. It gives cola its fizz. Solids, ...

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