

Kinetic Molecular Theory of Matter Exit Quiz

1. **Decide if the following are true or false.**
 - a. Solids possess a greater level of kinetic energy than gases.
 - b. The forces which hold a liquid together are weaker than those which hold a solid together.
 - c. Some solids exist in a regular structure known as a lattice.
 - d. Gases have a fixed shape when in a container.

2. **Decide whether energy needs to added or removed for each of the following changes of state.**
 - a. Condensation
 - b. Melting
 - c. Vaporisation
 - d. Deposition

3. **Decide which of the properties described below can be attributed to solid, liquid or gas. (Note some properties will be relevant for more than one state.)**
 - a. Can be compressed
 - b. Requires large amounts of energy input in order to change state.
 - c. Particles are isolated
 - d. Fits the shape of the container