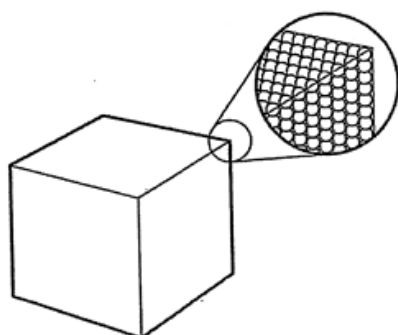


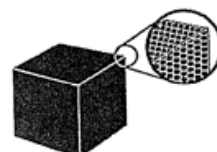
Lab and Study Master 1.8

The Particle Theory of Matter

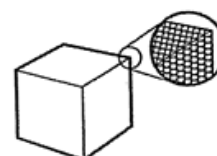


1. All matter is made up of tiny particles.

substance A



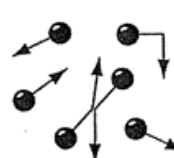
substance B



2. All particles of one substance are the same. Different substances are made of different particles.



3. The spaces between the particles are large compared to the sizes of the particles themselves.

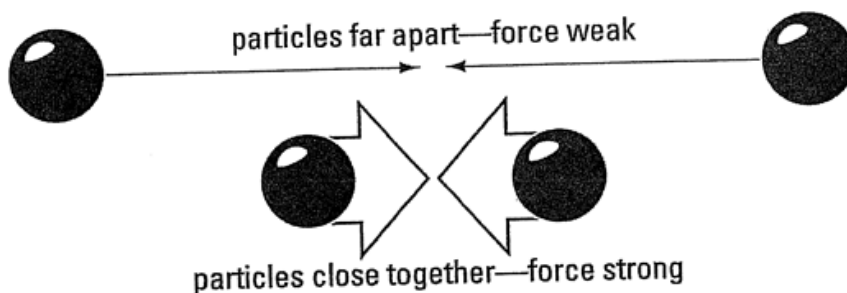


hot



cold

4. The particles are always moving. The more energy the particles have, the faster they move.



5. There are attracting forces among the particles. These forces are stronger when the particles are closer together.

Lab and Study Master 1.12

Classification of Matter Concept Map

CLASSIFICATION OF MATTER

Use the following terms to complete the concept map.

atoms (3)

compounds

chemical changes

elements

metals

mixtures

molecules (2)

particles

physical changes

pure substances

solutions

