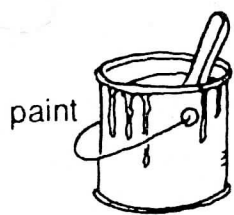
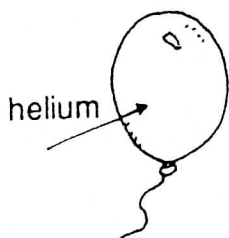


# What's the Matter?



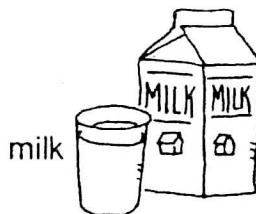
paint



helium



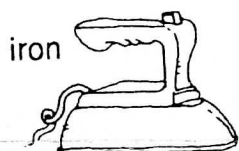
blocks



milk



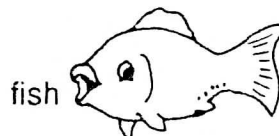
ice



iron



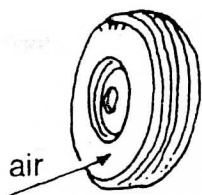
water vapor



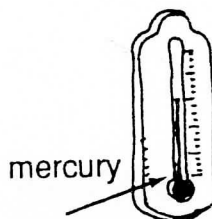
fish



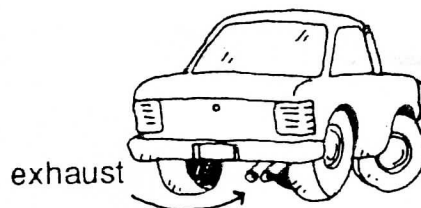
water



air



mercury



exhaust

Matter is the material from which everything is made. Matter takes up space and has weight. There are three states of matter: solid, liquid, and gas. **Solids** keep their shape and can be seen. **Liquids** take the shape of their container, can flow, and can usually be seen. **Gases** take the shape of their container and are often invisible.

Ice is matter in a solid state. Water is matter in a liquid state. Water vapor, or steam, is matter in a gaseous state.

Study the pictures and descriptions on this page. Write the name of each picture under the correct heading on the chart. Think of additional substances to complete the chart.

Solids	Liquids	Gases

**Challenge!** Try to think of ways that solids, liquids, and gases are useful to us. How can they be harmful? List your ideas.