

## Q & A – Solid, Liquid & Gas

**Q. Define Expansion and Contraction.**

**Ans.** The increase in the size of matter on heating is called **expansion**.

The decrease in the size of matter on cooling is called **contraction**.

**Q. What is the difference between**

**a) a bottle of soda and a bottle of water?**

**b) a physical change and a chemical change?**

**c) glycerine in water and kerosene in water?**

**Ans.**

**a)** Soda bottle contains gas and water bottles are free from gases.

**b)** Physical change is a temporary change and its reversible. Chemical change is a permanent change and its non-reversible.

**c)** Glycerine is miscible in water and kerosene is immiscible in water.

**Q. What are molecules made up of?**

**Ans.** Molecules are made up of atoms.

**Q. When do we say that liquids are miscible?**

**Ans.** When two liquids mix together, they are said to be miscible.