

NEW STANDARD ACADEMY

SEMRI KOTHI SUPER MARKET, RAEBARELI
CLASS 9 DPP (CHEMISTRY)

1. A rubber band can change its shape on stretching. Will you classify it as it as solid or not? Justify?
2. Sponge, though compressible, is a solid?
3. Gases completely fill the the vessel in which they are kept give reasons.
4. A gas exerts pressure on the walls of container, why?
5. The smell of hot sizzling food reaches you several meters away, but to get the smell from cold food you have to go close.
6. Comment upon the following: rigidity compressibility fluidity, filling a gas container, shape, kinetic energy and density.
7. Give two reasons to justify
 - a) Water at room temperature is a liquid.
 - b) An iron almirah is a solid at room temperature.
8. Why do solids not diffuse?
9. Which state of matter is compressible? Why?
10. Why is diffusion of one solid in to another a slow process? What could be an example of diffusion of one solid in another. Give examples for the same.

NEW STANDARD ACADEMY

SEMRI KOTHI SUPER MARKET, RAEBARELI
CLASS 9 DPP (CHEMISTRY)

1. A rubber band can change its shape on stretching. Will you classify it as it as solid or not? Justify?
2. Sponge, though compressible, is a solid?
3. Gases completely fill the the vessel in which they are kept give reasons.
4. A gas exerts pressure on the walls of container, why?
5. The smell of hot sizzling food reaches you several meters away, but to get the smell from cold food you have to go close.
6. Comment upon the following: rigidity compressibility fluidity, filling a gas container, shape, kinetic energy and density.
7. Give two reasons to justify
 - a) Water at room temperature is a liquid.
 - b) An iron almirah is a solid at room temperature.
8. Why do solids not diffuse?
9. Which state of matter is compressible? Why?
10. Why is diffusion of one solid in to another a slow process? What could be an example of diffusion of one solid in another. Give examples for the same.