

Chapter Content Mastery

Forming Solids

CHAPTER 5
LESSON 2

Directions: Circle the two terms in each group that are related. Then explain how the terms are related.

1. copper, iron, table salt

2. diamond, oil, table salt

3. mixture, monomer, polymer

4. ductility, malleability, viscosity

Directions: Circle the term that correctly completes each sentence.

5. A crystal is made up of a repeating pattern of (unit cells/atoms).
6. One property of metals, (malleability/ductility), is the ability of a metal to be hammered or rolled into sheets.
7. Ethene is one example of a (polymer/monomer).
8. If a polymer is made up of molecules containing (oxygen/carbon), it is called an organic polymer.
9. In metals, (protons/electrons) are free to move between atoms throughout the piece of metal.
10. The arrangement of unit cells in a crystal is most like the arrangement of stamps in a (book/roll).
11. (Quartz/Polystyrene) is one example of a crystal.
12. Copper is often used for telephone wiring because it is (ductile/malleable).