

## CHAPTER OVERVIEW

### 7: Solids, Liquids, and Phase Changes

In previous chapters we discussed the properties of gases. In this chapter, we consider some properties of liquids and solids. As a review, the table below lists some general properties of the three phases of matter.

Phase	Shape	Density	Compressibility
Gas	fills entire container	low	high
Liquid	fills a container from bottom to top	high	low
Solid	rigid	high	low

[7.1: Properties of Liquids and Solids](#)

[7.2: Intermolecular Forces in Action- Surface Tension, Viscosity, and Capillary Action](#)

[7.3: Types of Crystalline Solids](#)

[7.4: Temperature, Heat, and Energy](#)

[7.4.1: Energy and Chemical and Physical Change](#)

[7.4.3: Energy](#)

[7.5: Heat Capacity](#)

[7.5.1: Energy and Heat Capacity Calculations](#)

[7.5.2: Temperature Changes - Heat Capacity](#)

[7.6: Phase Transitions](#)

[7.6.1: Melting, Freezing, and Sublimation](#)

[7.6.2: Boiling, Evaporation and Condensation](#)

[7.6.3: Calculations for Phase Changes](#)

[7.6.4: Heating Curve for Water](#)

[7.E: Solids, Liquids, and Phase Changes \(Exercises\)](#)

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