



Section 7.2 Fluids and Density Study Notes

By the end of section 7.2 you should be able to understand the following:

- Liquids and gases are fluids, forms of matter that can flow.
- Density is a way to describe how closely particles are packed together in a solid, liquid, or gas
- Density is calculated by dividing mass by volume

NOTES

Compare how solids, liquids and gases flow.

- 1.
- 2.
- 3.

Compare the density of molecules in solids, liquids and gases. Which substance is the exception for the general rule that substances decrease in volume when changing from liquid to solid?

- 1.
- 2.
- 3.
- 4.

NOTES

Describe why air at high altitudes is usually colder and has much less oxygen than at sea level.

1.

2.

Do the Reading Check on page 263

Describe how to discover the density of a substance.

1.

2.

Do the Reading Check on page 264

Describe how to use displacement to determine the volume of an irregularly-shaped object.

1.

2.