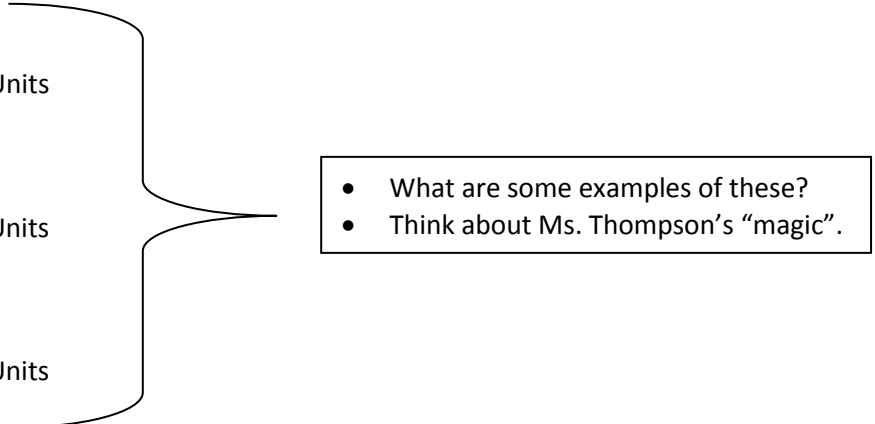


Chapter 11 Study Guide – Fluid Forces

1. Vocabulary
2. Pascal's Principle
 - a. What is it?
 - b. Formula? Labels/Units
 - c. Effects?
3. Archimedes' Principle
 - a. What is it?
 - b. Formula? Labels/Units
 - c. Effects?
4. Bernoulli's Principle
 - a. What is it?
 - b. Formula? Labels/Units
 - c. Effects?
5. Density
6. Pressure
7. Force
8. Buoyancy
 - a. Water & air
 - b. Cause & effect
9. Airplanes
 - a. Wings
 - b. How they fly (causes the ability to fly)
10. Hydraulics
 - a. How do they work?
11. Air Pressure
 - a. When does it increase?
 - b. When does it decrease?
12. Water Pressure
 - a. When does it increase?
 - b. When does it decrease?

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- What are some examples of these?
 - Think about Ms. Thompson's "magic".