Answer the questions below. Once you have completed the assignment, submit it to the dropbox.

Multiple choice. Indicate the best answer.

1. The pressure at the bottom of a jug filled with water does NOT depend on

a. the acceleration due to gravity

b. water density

c. the height of the liquid

d. diameter of the jug

e. none of these

1. What is the weight of water displaced by a 100 ton floating ship?

a. less than 100 tons

b. 100tons

c. more than 100 tons

d. 100 cubic meters

e. depends on the ship's shape

1. Airplane flight best illustrates

a. Archimedes' principle

b. Pascal's principle

c. Bernoulli's principle

d. Boyle's law

1. The faster a fluid moves, the

a. greater its internal pressure

b. lesser its internal pressure

1. Which of the following examples is NOT explained by Bernoulli’s Principle?

a. Why a soccer ball curves.

b. Why lift occurs.

c. Why a light ball can hover in midair when an airstream is directed above it.

d. Why pressure is greater at greater depths in a lake.