LG EG

DATE: _____ **NAME** _____

Teacher: **Sergey** **GROUP** **E2**

Lesson topic: Buoyant force.
SCIENCE HOMEWORK ***(Due in a week)***

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1. Please, explain the difference between weight and mass? **[2]**

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2. Answer the questions. **[2]**

a. What is a buoyant force? Explain in your own words.

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b. What is another name of a buoyant force? Drag and drop the letters to unscramble the word.

U T H P S T U R

3. Multiple choice questions. Mark the correct answers **[3]**

1) How can you calculate density?
   a) $density = mass \times volume$
   b) $density = mass \div volume$
   c) $density = mass + volume$
   d) $density = mass - volume$

2) When does an object float in a liquid?
   a) *buoyant force* = *weight*
   b) *buoyant force* > *weight*
   c) *buoyant force* < *weight*
   d) *buoyant force* ≠ *weight*

3) When does an object sink?
   a) *object weight* = *displaced water weight*
   b) *object weight* > *displaced water weight*
   c) *object weight* < *displaced water weight*
   d) *object weight* ≠ *displaced water weight*

4. Solve the task. **Show your work!** **[1]**

Density of copper is **9** grams per milliliter. What is the volume of **72** grams of copper?

Answer:

LIVEWORKSHEETS