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PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

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1. **Compare by VOLUME** (step1- calculate volume(s), step2-indicate how much/how many times bigger/smaller; use Slide #10 of Lecture #7; pay attention to units):

A) **The biggest ever iceberg B-15 (approximately 270 km long, 40 km wide and 500 m thick) and average Arctic sea ice volume in September 2020 (approximately 4600 km<sup>3</sup>).**

B) **Earth's inner core (radius of 1,220 km) and planet Mercury (radius of 2,440 km).**

2. **Complete the sentences:**

A. The amount of space an object takes up is called \_\_\_\_\_.

- a. mass            b. volume            c. matter            d. property

B. Pure gold has higher \_\_\_\_\_ than water.

- a. mass            b. density            c. volume

C. Temperature, color, density are examples of an \_\_\_\_\_ property of matter.

- a. extensive        b. ordinary        c. intensive