Analyze and Evaluate

1. Which masses or volumes were you able to estimate most accurately? Why?

2. Which masses or volumes did you estimate least accurately? Why?

3. You used the displacement of water to measure the volumes of irregular solids.

a) Explain why "displacement of water" is an appropriate name for this method.

b) Why is this method an example of indirect measurement?

4. Which substance that you tested is the most dense? Which is the least dense? Did you correctly predict the most dense to least dense? Explain.

Apply & Extend

1. Describe two everyday situations in which the measurement of mass or volume is important.

2. Give one use for each substance of cubes that relies on its density.

Eg. 1. Acrylic - it's used in paint. It's density makes the paint thicker and spread more easily.

2. Copper -