

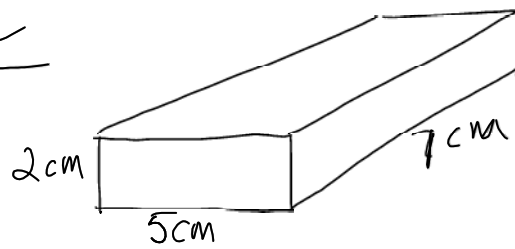
Nov 14

- Fake Rock demo
 two rocks, same size
 one real, one foam
 Teacher threw the foam
 rock. "Rock!!"

$$\text{Density} = \frac{\text{mass}}{\text{volume}} = \frac{\text{g}}{\text{cm}^3 \text{ ml}}$$

Example

$$\text{mass} = 120\text{g}$$

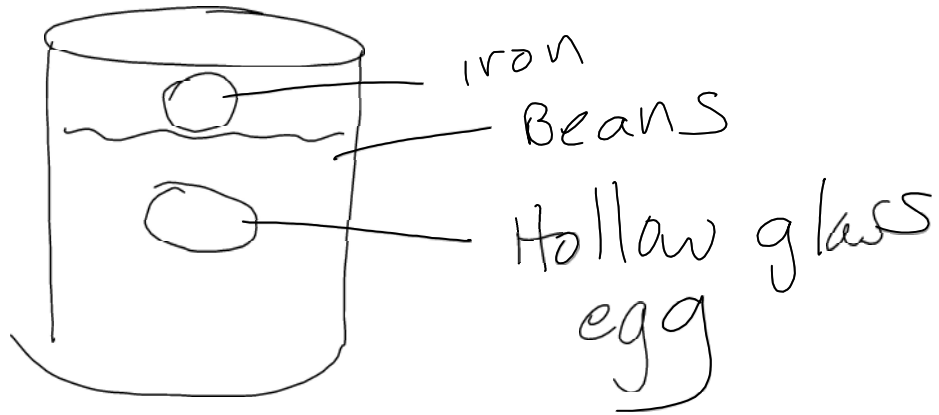


$$L \times W \times h = 70 \text{ cm} \cdot \text{cm} \cdot \text{cm} = 70 \text{ cm}^3$$

$$\frac{M}{V} = \frac{120\text{g}}{70\text{cm}^3} = 1.7142857$$

$$\boxed{1.71 \frac{\text{g}}{\text{cm}^3}}$$

Bean Buoyancy



The Popcorn issue

too many seeds
 I shook them
 to the bottom
 (like Hotwheels cars
 in the toy box)
cereal box

story about
 Lucky charms
 Raisin Bran
 Special K with
 Red Berries

