

- 5) A 0.15 g lead weight, attached to a string, is lowered halfway into a 100 mL container full of water. As a result of this, water spills over onto the floor (achtung!).
- How much water is spilled?
 - What is the buoyant force on the lead weight?
 - How much does the lead weight weigh when immersed in the water?
- 6) Oak is 0.8 dense as water and therefore floats in water.
- What weight of water will be displaced by a 50 kg floating oak beam?
 - What additional force would be required to poke the oak beneath the surface so it is completely submerged?
- 7) Gibt es in Ihrem Gehirn zu verletzen?