**DENSITY QUESTIONS**

1. Density of the regular coke can:
   1. What is the mass?
   2. What is the volume?
   3. Calculate the density
2. Density of the diet coke can:
   1. What is the mass?
   2. What is the volume?
   3. Calculate the density
3. Based on your calculations, explain the science behind the demonstration. Make sure to explain in relation to density. (note density of water = 0.999 kg/l)
4. Density of Dead Sea is 1.24 kg/l. Will either of the coke can (regular or diet) sink? Explain