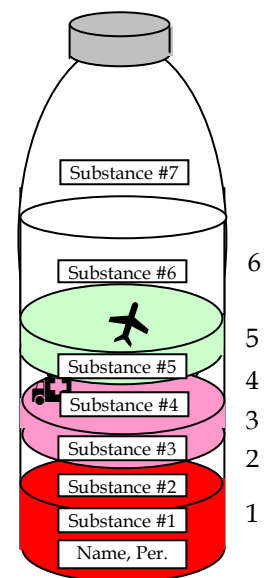


TAKE HOME ASSIGNMENT- DENSITY COLUMNS

Due Date: Monday, August 25, 2008

Make your own density column in a clear, plastic, screw-cap water bottle (16-20 oz. ONLY).

- The minimum requirement for an “A” (5/5 points) is to make at least 5 clearly visible layers which are neatly labeled on the outside with the identity of the substance.
- **No flammable liquids** (gasoline, cleaning fluid, etc.) are allowed. Make sure it is sealed well possibly taping to secure the cap from leaking.
- Extra credit will be given for each additional layer above 5, for unusually colorful solutions and for the ability to float small objects between layers illustrating their varying densities. These objects are the only items in the column that may be a *solid*.
- Be sure to visibly label your bottle with your name and period on one side (not on the bottom).



Name:	Period:	Date:
DENSITY COLUMN RUBRIC - 5 POINTS		
Item	Point Value	Points earned
Number of discernable layers (phases)	_____ @ 1 point each	
Unusually colorful	1 point	
Floating object between layers	_____ @ 1 point each	
All Directions Followed: bottle, labeling, etc.	<minus 1 pt each>	
TOTAL POINTS EARNED		/5