

Name _____

Density Challenge



Given these materials:

1. 200mL liquid A
2. 200mL liquid B
3. 200mL liquid C
4. 200mL liquid D
5. 1 box of red, blue, green, yellow food coloring
6. 1 400mL beaker

Use what you know about density to build a “liquid rainbow” in the large beaker.
Rainbows always follow this color pattern: *red, yellow, green, blue*

Note: you will not be given any more materials; use what you have safely and wisely!

Draw and color the beaker to show your solution to the problem.



