

Name: _____

Internet Density Activity

This worksheet should be completed as you work through the Internet site:

<http://www.explorescience.com/density.htm>

Complete the following tables:

1. Use the scale to measure mass and the graduate cylinder to find the volume of each object.
2. Place the appropriate units inside of the parentheses.
3. Rank the objects from lowest to highest density

Description	Mass ()	Volume ()	Density ()	Rank
Blue Square				
Blue Triangle				
Red Square				
Red Oval				
Pink Square				
Purple Oval				
Green Triangle				
Grey Triangle				
Tan Rectangle				
Red/Black Rectangle				

Use the slide bar to set the density of the fluid in the container to each of the densities labeled in the next table. Determine if each object sinks or floats in the container.

Description	Sink or Float Density =1 g/ml	Sink or Float Density =2 g/ml	Sink or Float Density =5 g/ml
Blue Square			
Blue Triangle			
Red Square			
Red Oval			
Pink Square			
Purple Oval			
Green Triangle			
Grey Triangle			
Tan Rectangle			
Red/Black Rectangle			

