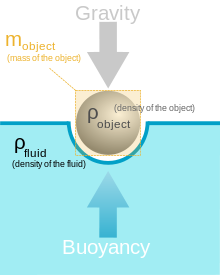
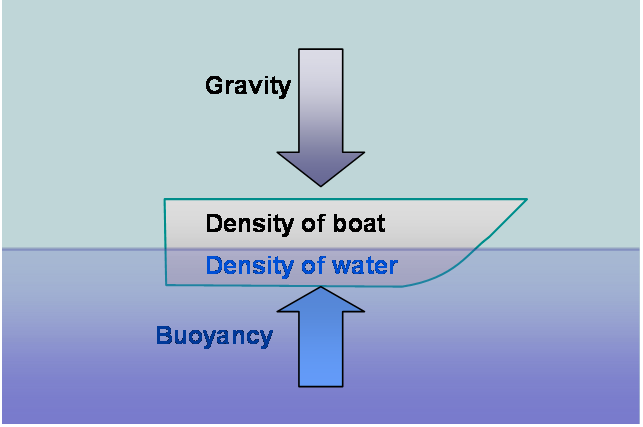
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Team’s Boat Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_





Density of water = 1 gram per milliliter = 1 g/mL

**Design Matrix:**

Order these from most important to least important (top to bottom).

Cost/Resources, Buoyancy, Time in Water, Appearance, and Complexity/Time to produce

|  |  |  |
| --- | --- | --- |
| Categories: | Scores (1-5): | Drawing: |
|  |  |
|  |  |
|  |  |
|  |  |

**Testing Your Design:** Record Your Results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # of Pennies | Max Weight Held  =  2.5g \* Column 1 | Resources | Point of Failure | Time of Failure | What to fix |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |