Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Rock/Element Density Lab**

***Density=mass/volume***

*Each lab station has eight different mystery materials. Fill in all the required fields in the chart below. Use the density table provided to figure out what material you have after you have measured its mass, volume, and density.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Characteristics of Material (color, shape, size, texture, etc)  | Mass (g) | Volume (mL) | Density (g/mL) | Name of KnowMaterial | Known density (from chart) | Difference between measured and known density |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |