Directions: Use this table to record your volume and mass measurements, as well as your calculated density values. After you have calculated the density, mark the value on the number line on the board.

Data Table

|  |  |  |  |
| --- | --- | --- | --- |
| **Rod Number** | **Volume (cm3)** | **Mass (g)** | **Density (g/cm3)** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |

$$Density=\frac{mass (g)}{volume (cm^{3})}$$

Work space: