Problem: Which cube will have the greatest density?
Prediction: Based on your observations list the cubes in order from least dense to most dense:


Data Table:

| Object | Mass (g) | Volume <br> $\left(\mathbf{c m}^{3}\right)$ | Density (g/cm ${ }^{\mathbf{3}} \mathbf{)}$ |
| :---: | :---: | :---: | :---: |
| Cube \#__1 |  |  |  |
| Cube \#__2 |  |  |  |
| Cube \#__3 |  |  |  |
| Cube \#__4 |  |  |  |
| Cube \#__5 |  |  |  |
| Cube \#__6 |  |  |  |
| Cube \#__7 |  |  |  |
| Cube \#__8 |  |  |  |
| Cube \#__9 |  |  |  |

Conclusion: Least dense to most dense:

|  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

