**Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_ Date :\_\_\_\_\_\_\_**

**Classifying Matter**

Column 1: Write in name of substance(s)

Column 2: Based on observations and name(s), classify as “Pure Substance or Mixture”

Column 3: Based on name, classify as “Element or Compound”

Column 4: Are the particles in the sample atoms, molecules or both?

Column 5: Draw a particle picture. Use different colors for each different substance.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Petri Dish**  **#** | **Pure Substance**  **or**  **Mixture** | **If pure …**  **Element or Compound** | **Atoms, Molecules**  **or Both** | **Particle Picture** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |
| **6** |  |  |  |  |
| **7** |  |  |  |  |
| **8** |  |  |  |  |
| **9** |  |  |  |  |
| **10** |  |  |  |  |