

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

Fill in the table below with information about atomic structure from the periodic table.

| Element   | Number of Protons | Number of Electrons | Number of Neutrons | Atomic mass |
|-----------|-------------------|---------------------|--------------------|-------------|
| Nitrogen  | 7                 |                     | 7                  |             |
| Strontium | 38                |                     |                    | 87.62       |
| Helium    |                   | 2                   |                    | 4.00260     |
| Lithium   |                   | 3                   | 4                  |             |
| Beryllium | 4                 | 4                   |                    |             |
| Bismuth   | 83                |                     |                    | 208.9804    |
| Carbon    |                   |                     | 6                  | 12.011      |

Using the Periodic Table find the name, atomic number, and atomic mass for the following elements.

| Symbol of Element | Name of Element | Atomic Number | Atomic Mass |
|-------------------|-----------------|---------------|-------------|
|                   | Potassium       |               |             |
|                   | Silver          |               |             |
|                   | Tin             |               |             |
|                   | Yttrium         |               |             |
|                   | Mercury         |               |             |

**\*\*Do electron shell diagrams (Bohr model) for the following elements:**

1. Carbon
2. Aluminum
3. Argon
4. Platinum
5. Calcium