

Date: \_\_\_\_\_ Block: \_\_\_\_\_ Name: \_\_\_\_\_

**Chemistry 11 – Alkaline Earth Metals Introduction Worksheet**

**Alkaline Earth Metals**

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**Properties of the Alkaline-Earth Metals**

| <b>Element</b>    | <b>Physical Data</b> | <b>Charge</b> | <b>Abundance</b> | <b>Outer Level configuration</b> |
|-------------------|----------------------|---------------|------------------|----------------------------------|
| Beryllium<br>(Be) |                      |               |                  |                                  |
| Magnesium<br>(Mg) |                      |               |                  |                                  |
| Calcium<br>(Ca)   |                      |               |                  |                                  |
| Strontium<br>(Sr) |                      |               |                  |                                  |
| Barium<br>(Ba)    |                      |               |                  |                                  |
| Radium<br>(Ra)    |                      |               |                  |                                  |

**Bohr models:**

\* Draw the Bohr models for Be, Mg, and Ca.