

Chemist: \_\_\_\_\_

Date: \_\_\_\_\_

High Honors Chemistry

BHS Science Dept.

## More Electron Configuration Practice: Element & Ions

Directions: Write the electron configuration for the following elements or ions.

| Element or Ion            | Orbital Notation | Exponential Notation | Dot Notation |
|---------------------------|------------------|----------------------|--------------|
| Sodium, Na                |                  |                      |              |
| Calcium, Ca <sup>2+</sup> |                  |                      |              |
| Oxide, O <sup>2-</sup>    |                  |                      |              |
| Tungsten, W               |                  |                      |              |
| Carbon, C                 |                  |                      |              |
| Nitride, N <sup>3-</sup>  |                  |                      |              |
| Copper, Cu <sup>2+</sup>  |                  |                      |              |
| Barium, Ba                |                  |                      |              |