Name: _____

Block: _____

Electron Configurations #2

For each of the following elements, give the "standard" electron configuration (*e.g.*, $1s^2\ 2s^2\ 2p^6\ 3s^1$).

1. boron (B)

2. phosphorus (P)

3. vanadium (V)

4. strontium (Sr)

For each of the following electron configurations, give the element.

5. $1s^2\ 2s^2\ 2p^6\ 3s^2$

6. $1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 4s^2\ 3d^{10}\ 4p^6\ 5s^2\ 4d^6$

For each of the following elements, give the "noble gas" electron configuration (*e.g.,* $[\mathrm{Ar}]\,4s^2\,3d^5$).

7. zirconium (Zr)

8. platinum (Pt)

9. dysprosium (Dy)

10. gallium (Ga)