

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.*, [Ar] 4s² 3d⁵).

7. zirconium (Zr)

8. platinum (Pt)

9. dysprosium (Dy)

10. gallium (Ga)