

# Worksheet – Orbital diagrams

Name \_\_\_\_\_

Period \_\_\_\_\_

Date \_\_\_\_\_

Draw the orbital diagram for each of the following:

1. Magnesium
2. Phosphorus
3. Vanadium
4. Germanium
5. Krypton
6. Oxygen
7. Helium
8. Chlorine
9. Arsenic
10. Potassium

Write the shorthand electron configuration for the following elements.

11. Beryllium
12. Barium