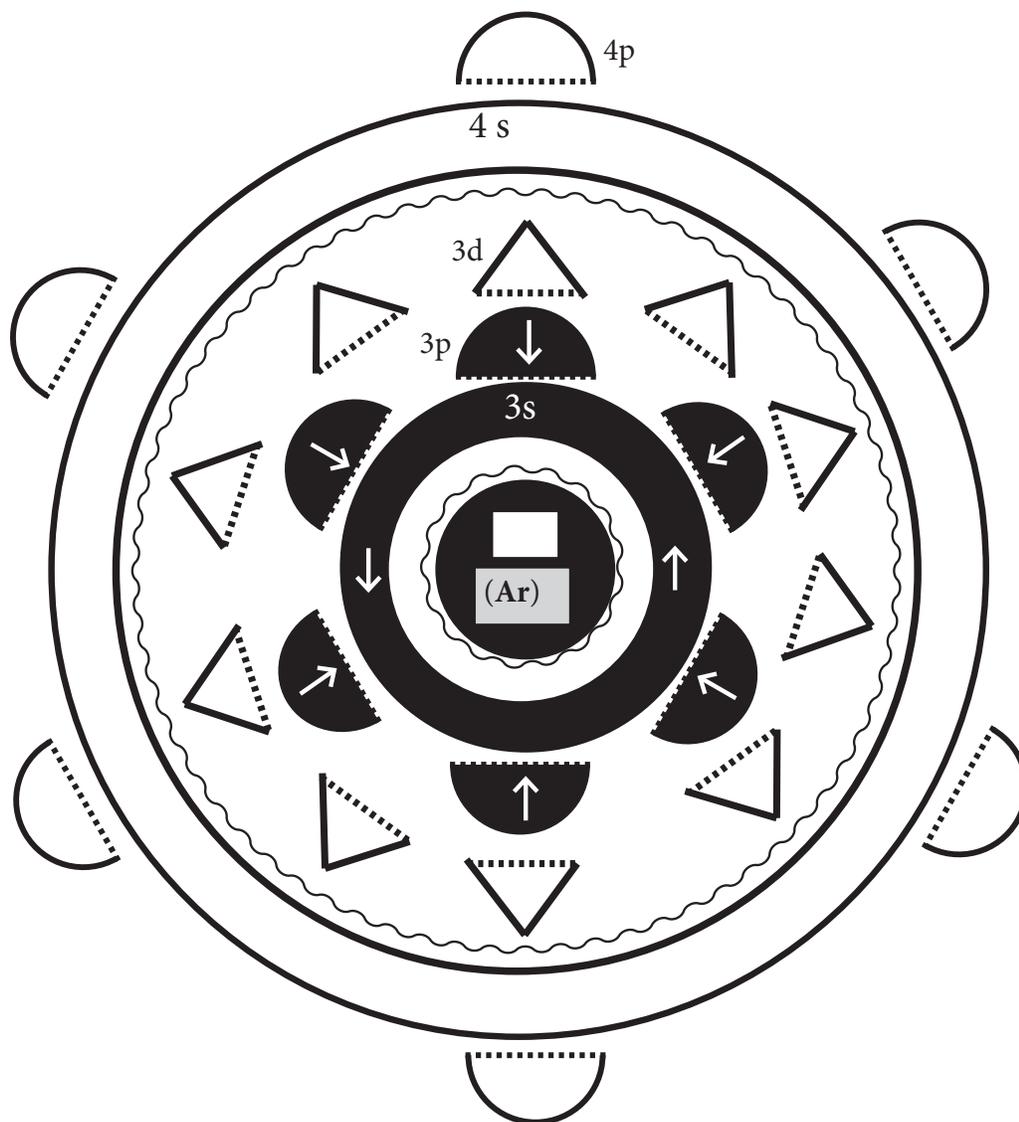


Orbital Diagram for Elements with Argon as a Base

Name and Date



Element Name

Wavy lines are borders between shells. Place atomic symbol in the white square of the diagram. Use arrows to represent electrons and fill in the various orbitals for your element. Orbitals with dashed lines are half an orbital and hold one electron, where the other half is on the other side of the atom. Black 3s orbitals and 3p orbitals are part of the argon core and already full.