

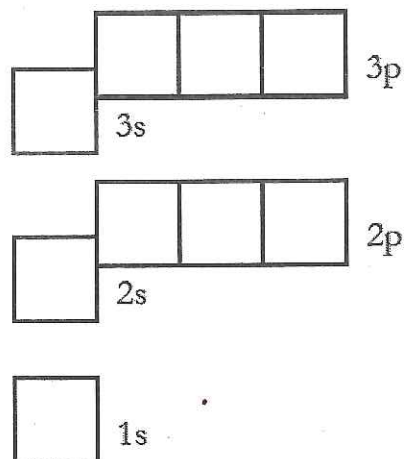
Name:

- 1) Consider phosphorus-31 to answer the following questions:
- a. Draw a Bohr model for this isotope:

b. Which atomic radius is larger, Phosphorus or Germanium?

c. Which has a larger ionization energy, Phosphorus or Chlorine?

d. Fill in the electron configuration for phosphorus-31.



e. What is the electron configuration for phosphorus-31?