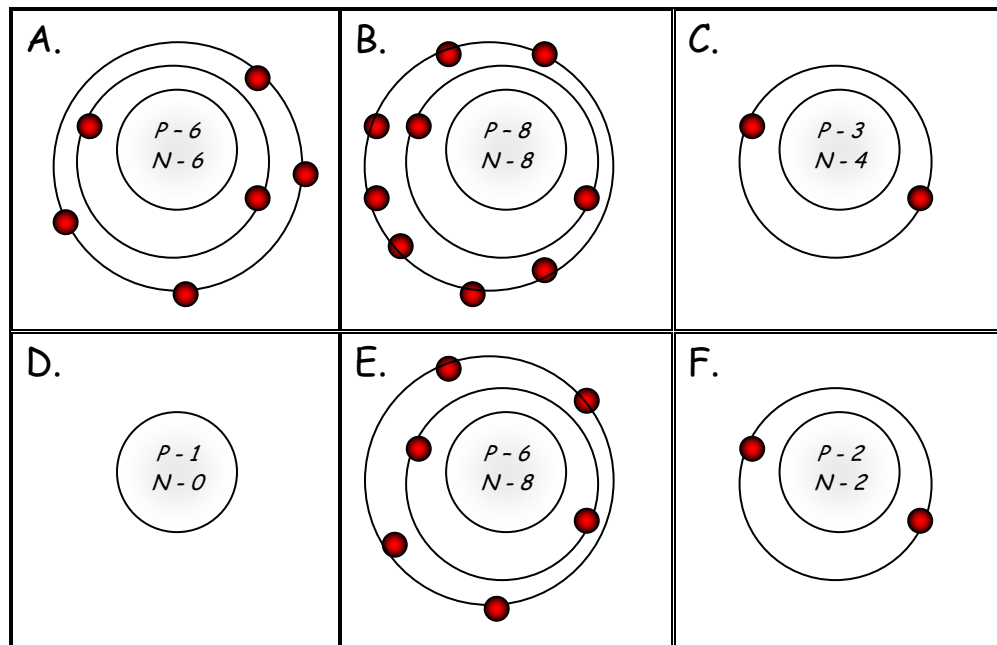


Name: _____ Section: _____

Practice with Isotopes and Ions

Directions: Refer to the diagrams to answer the questions that follow.



1. Calculate the mass number of each of the above.

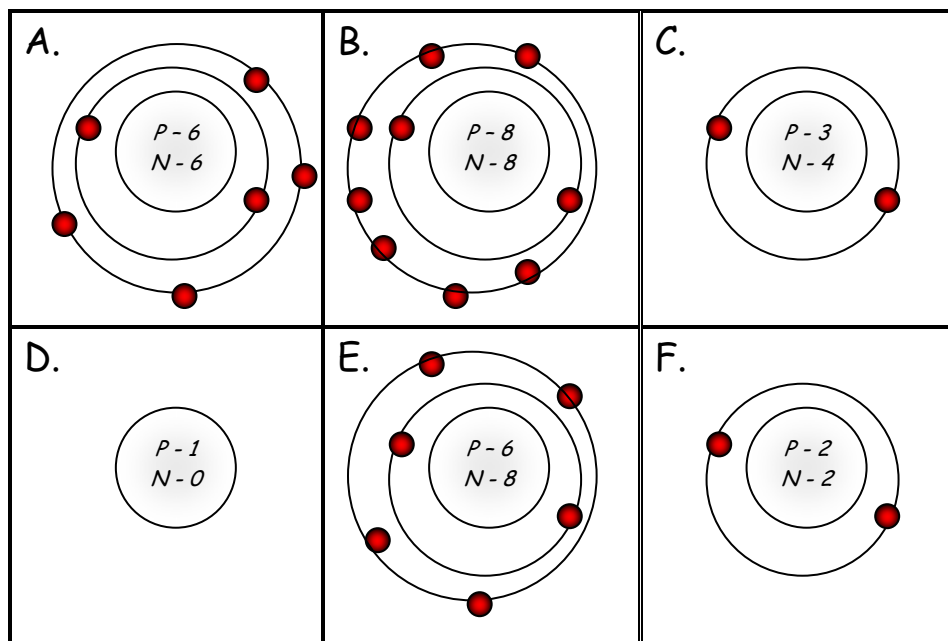
A. _____ B. _____ C. _____

D. _____ E. _____ F. _____

2. What is an isotope?

3. Which of the above would be considered isotopes? Explain your reasoning.

4. What would be the atomic weight/mass of the isotopes from #3?



5. What is an ion?

6. Which of the above would be considered ions? Explain your reasoning.

7. Which one(s) is a cation? Explain your reasoning.

8. Which one(s) is an anion? Explain your reasoning.

9. Are any of the above atoms (or neutral)? How do you know?