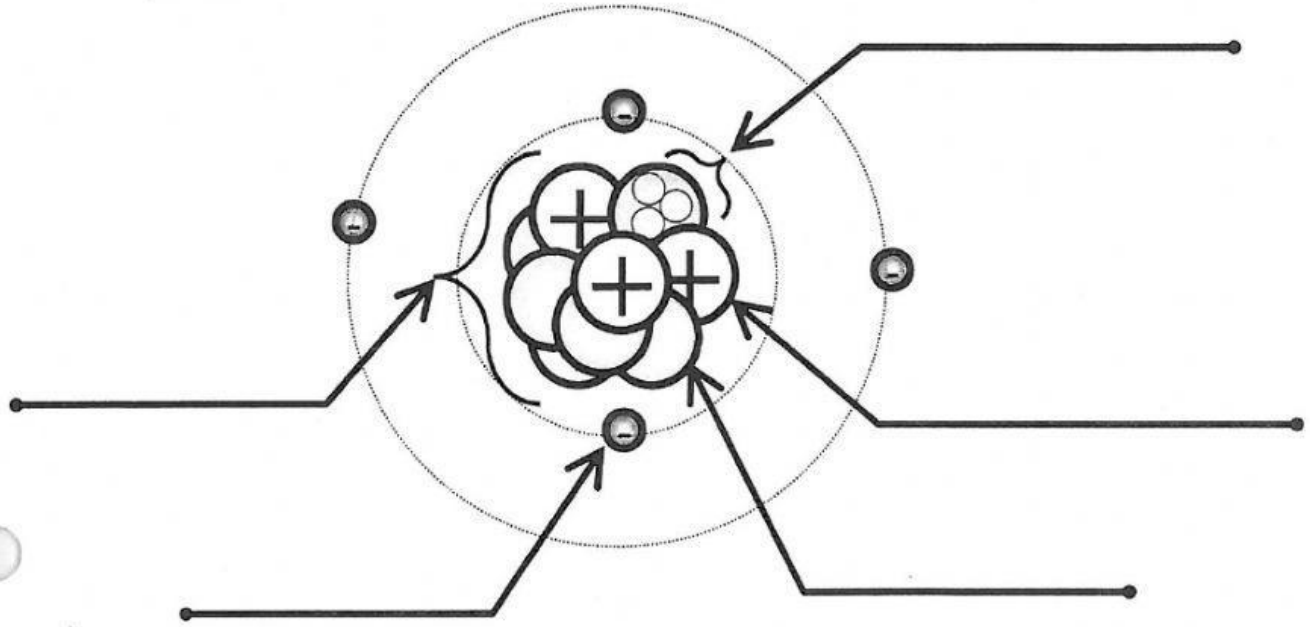
Name: _____ Section: _____

Parts of the Atom

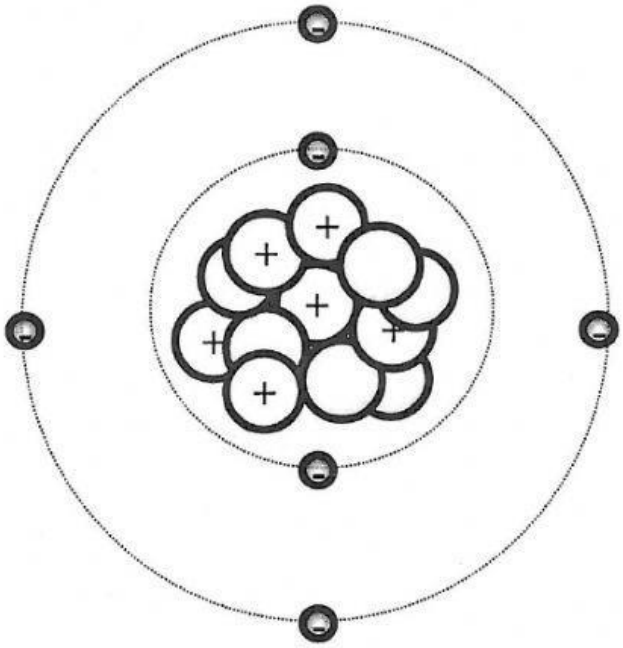
Part 1 - Label the parts of the atom below (protons, neutrons, electrons, nucleus, quarks).



Part 2 - Answer the following questions.

1. _____What part of the atom has no charge?
2. _____What part of the atom has a positive charge?
3. _____What part of the atom has a negative charge?
4. _____How many electrons can be held in the first orbital (closest to the nucleus)?
5. _____How many electrons can be held in the second orbital?
6. _____How many electrons can be held in the third orbital?
7. _____There are the same number of these two particles in an atom.
8. _____The atomic number is the same as the number of these particles.
9. _____The mass number is determined by which particles?

Part 3 – Using the diagram below, answer the questions that follow.



1. _____How many protons does the atom have?
2. _____How many neutrons does the atom have?
3. _____How many electrons does the atom have?
4. _____What is the atomic number of the atom?
5. _____What is the mass number of the atom?