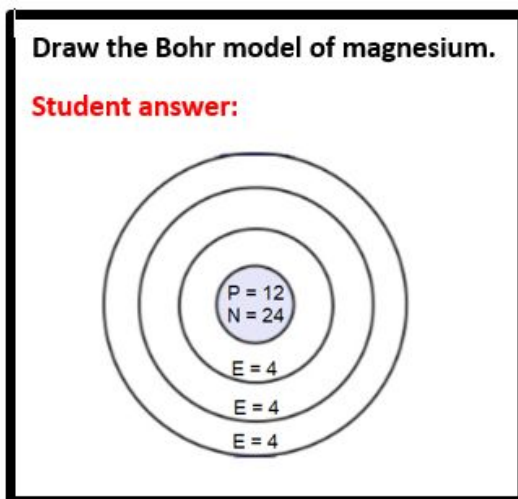


- Get a sheet of lined paper
- Title your paper Bohr Models and Lewis Structures
- Write your name on your paper
- Copy what you see below on a sheet of lined paper
- Complete these problems
- Turn in your assignment

1. Draw the Bohr model of these elements: Silicon, argon, oxygen, chlorine, and helium.
2. Which two particles must be written in the nucleus?
3. Describe how you figure out how many energy levels you need for any Bohr model.
4. Describe how you would know that the first energy level can only have 2 electrons in it.
5. After looking at the student's work below, answer this question: What two things are wrong with this student's answer?



6. Draw the Lewis structure of these elements: Cesium, krypton, selenium, astatine, rubidium, and tellurium.
7. Elements prefer to have how many electrons to make them stable (happy). Hint: Use your Lewis Structure Notes.
8. Which Octet Rule reads "No side can have more than 2 dots"? Hint: Use your Lewis Structure Notes.
9. Which electron model shows every electron? Hint: Use your Lewis Structure Notes.
10. After looking at the student's work below, answer this question: What two things are wrong with this student's answer?

