

3-3 Practice Problems

1. How many protons and electrons are present in a vanadium atom?
2. How many protons and electrons are present in a nitrogen atom?
3. How many protons and electrons are present in an argon atom?
4. How many protons and electrons are present in a potassium atom?
5. How many protons and electrons are present in a platinum atom?
6. What is the name of the element that has atoms that contain 5 protons?
7. What is the name of the element that has atoms that contain 17 protons?
8. What is the name of the element that has atoms that contain 25 protons?
9. What is the name of the element that has atoms that contain 82 protons?
10. What is the name of the element that has atoms that contain 92 protons?
11. Write the chemical symbol for the ion with 12 protons and 10 electrons.
12. Write the chemical symbol for the ion with 74 protons and 68 electrons.
13. Write the chemical symbol for the ion with 95 protons and 89 electrons.
14. Write the chemical symbol for the ion with 33 protons and 36 electrons.