

Name _____

Subatomic Particles

For each of the following:

- Write the isotopic notation for each **ATOM**
- Tell how many protons, electrons and neutrons are present

1. Vanadium

P+ _____

e- _____

no _____

2. Platinum

P+ _____

e- _____

no _____

3. Fluorine

P+ _____

e- _____

no _____

4. Zinc

P+ _____

e- _____

no _____

For each of the following:

- Determine the element; write the symbol and name

1) Atom has 5 protons

Symbol: _____

Name: _____

2) Atom has 17 protons

Symbol: _____

Name: _____

3) Atom has 82 protons

Symbol: _____

Name: _____

For each of the following:

- Write the chemical symbol for the **ION** (be sure to include the charge and number)

1) Ion has 95 protons
and 89 electrons

2) Ion has 33 protons
and 36 electrons

3) Ion has 74 protons
and 68 electrons

4) Ion has 29 protons
and 27 electrons

5) Ion has 15 protons
and 18 electrons

Answer the following questions:

1) How many protons, neutrons and electrons are present in Ni-59?

P+ _____ e- _____ no _____

2) How many protons, neutrons and electrons are present in Zn-65?

P+ _____ e- _____ no _____