

NAME:

PERIOD:

DATE:

Atomic Facts Practice 2

Answer all questions as best you can. Use your notes. Be specific. Be scientific.

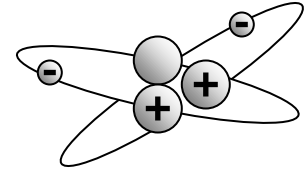
1. What two things does the atomic number of an atom tell you?

2. Fill in the following information about this atom.

atomic number -

name -

chemical symbol -

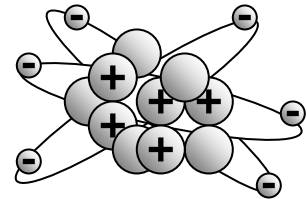


3. Fill in the following information about this atom.

atomic number -

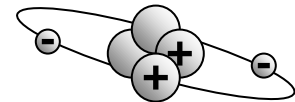
name -

chemical symbol -



4. What two things does the mass number of an atom tell you?

5. What is the mass number of this atom?



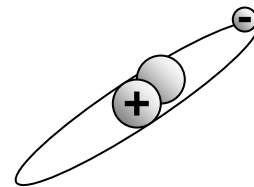
6. Fill in the following information about this atom.

atomic number -

name -

mass number -

+ ion, - ion, or no charge?



7. What are the chemical symbols for the following elements?

Hydrogen -

Aluminum -

Uranium -

Gold -

Cobalt -

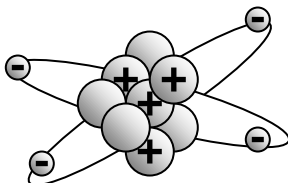
Nickel -

8. What is an isotope?

9. What is an ion?



10. Under each atom below, fill in the information...



atomic number –

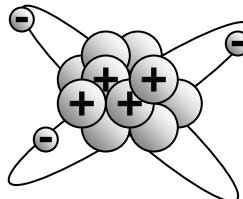
name –

chemical symbol –

mass number –

+ ion, - ion, or no charge?

Are these atoms isotopes? Why or why not?



atomic number –

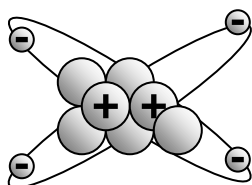
name –

chemical symbol –

mass number –

+ ion, - ion, or no charge?

11. Under each atom below, fill in the information...



atomic number –

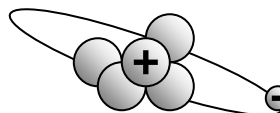
name –

chemical symbol –

mass number –

+ ion, - ion, or no charge?

Are these atoms isotopes? Why or why not?



atomic number –

name –

chemical symbol –

mass number –

+ ion, - ion, or no charge?