

NAME:

PERIOD:

DATE:

Atomic Facts Classwork

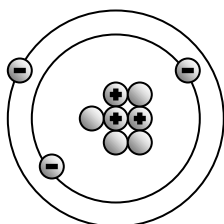
Answer all questions as best you can. Be specific. Be scientific. Use your periodic table to help.

1. What is the **atomic number** of an atom?

2. What is the **mass number** of an atom?

Look at the atoms below. Fill in their characteristics.

3.



atomic # -

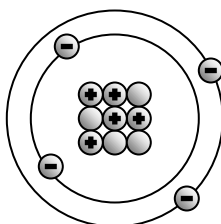
chemical symbol -

mass # -

isotope name -

+, -, or not an ion? -

4.



atomic # -

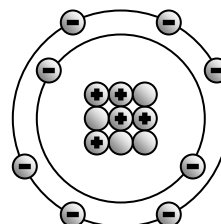
chemical symbol -

mass # -

isotope name -

+, -, or not an ion? -

5.



atomic # -

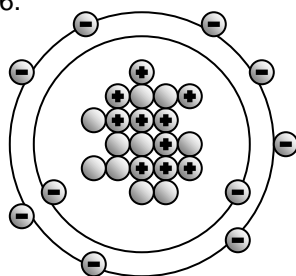
chemical symbol -

mass # -

isotope name -

+, -, or not an ion? -

6.



atomic # -

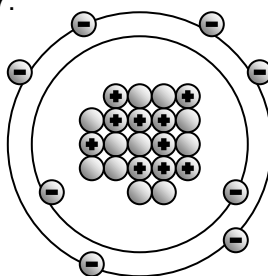
chemical symbol -

mass # -

isotope name -

+, -, or not an ion? -

7.



atomic # -

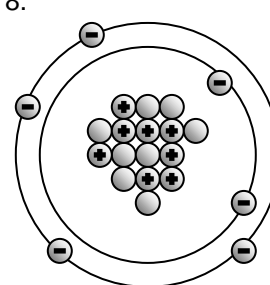
chemical symbol -

mass # -

isotope name -

+, -, or not an ion? -

8.



atomic # -

chemical symbol -

mass # -

isotope name -

+, -, or not an ion? -

9. Two of the above atoms (in 6-8) are isotopes. Which two atoms and why?