

Review sheet chapters 4,5,&6
Define an atom.

Explain Rutherford's model of an atom

Write the Atomic symbol, number and weight for 5 atoms on the periodic table

Write the number of electrons, protons, and neutrons for the above elements

What is an isotope? And how do you write it, both ways?

Name the three types of radiation and explain how they work.

Which light is a higher energy level: red or blue?

What does Bohr's model explain?

What does Heisenberg's uncertainty principle tell us?

There will be questions about electron configuration and Lewis dot structures

Contrast Law of octaves and periodic law

Why is Mendeleev credited with creating the periodic table?

Know the difference between a representative elements and transitional elements

Compare and contrast metals, nonmetals, and metalloids

Name a halogen, noble gas, alkali metal, and alkali earth metal

What are the Lanthanide and Actinide series metals?

Draw the Change in size for atomic trends of

Atomic radius and ion radius

Explain Ionization energy and electronegativity