

Name - \_\_\_\_\_

Start time - \_\_ : \_\_

End time - \_\_ : \_\_

What information does each element's position on the periodic table provide?

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What is an isotope, and how do isotopes of an element differ from each other?

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What are the three subatomic particles that make up an atom, and what are their charges?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Explain the factors that influence these periodic trends and their significance in understanding chemical behavior.

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Explain the role of the nucleus in an atom and the locations of electrons in atomic orbitals.

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