

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

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

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

Explain the rules for filling electron orbitals and how they relate to the periodic table.

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Provide examples of electron configurations for elements on the periodic table.

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Explain how elements are arranged in periods and groups on the periodic table.

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Identify the location and significance of the following on the periodic table: metals, nonmetals, metalloids, alkali metals, alkaline earth metals, halogens, noble gases.

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Explain the significance of the atomic number and mass number in characterizing an atom.

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