

Section Review Questions Name: \_\_\_\_\_

Atomic Structure Reading Packet Period: \_\_\_\_\_ Seat #: \_\_\_\_\_

#	Question
1	<p>Define the following:</p> <ul style="list-style-type: none"> <li>a) Atom -</li> <li>b) Electron -</li> <li>c) Nucleus -</li> <li>d) Proton -</li> <li>e) Neutron -</li> </ul>
2	<p>Describe one conclusion made by each of the following scientists that led to the development of the current atomic theory:</p> <ul style="list-style-type: none"> <li>a) Thomson</li> <li>b) Millikan</li> <li>c) Rutherford</li> </ul>
3	<p>Compare the three subatomic particles in terms of location in the atom, mass, and relative charge.</p>
4	<p>Why is the cathode-ray tube in Figure 4 connected to a vacuum pump?</p>
5	<p>Nuclear forces are said to hold protons and neutrons together inside the nucleus. What is it about the composition of the nucleus that requires the concept of nuclear forces?</p>

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