

## Chemistry – Unit 4 Objectives Determining Molar Masses

<p>1. Calculate the molar mass of compounds and molecules using Avogadro's law and the periodic table.</p> <p>a. Given a chemical formula for a compound, calculate its molar mass.</p> <p>b. Calculate the formula mass of a compound given its chemical formula.</p>	<p>a. _____</p> <p>b. _____</p> <p>c. _____</p> <p>d. _____</p> <p>e. _____</p> <p>f. _____</p> <p>g. _____</p>																																			
<p>2. Identify empirical formula of compounds.</p> <p>a. Given a molecular formula for a compound, determine its empirical formula.</p>	<p>a. _____</p> <p>b. _____</p> <p>c. _____</p> <p>d. _____</p>																																			
<p>3. Calculate the molar mass of a compound and use it to determine the empirical formula of a compound.</p> <p>a. Calculate the molar mass of a compound given its chemical formula.</p> <p>b. Calculate the empirical formula of a compound given its molar mass and the chemical formula.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. _____</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>b. _____</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>c. _____</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>d. _____</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	a. _____					b. _____					c. _____					d. _____																			
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# Modeling Chemistry Unit 4 Describing Substances Objectives Answers

**SB Merriam**



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