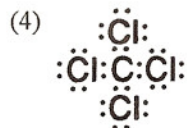
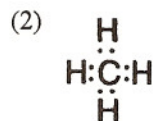
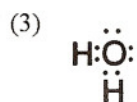
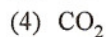
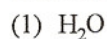


ASSIGNMENT

101. Which electron dot formula represents a polar molecule?



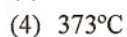
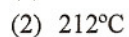
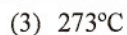
102. Which molecule is nonpolar?



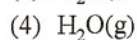
103. Carbon dioxide is a colorless, odorless gas produced by respiration and combustion of carbon-containing fuels. It is slightly soluble in water.

Draw the Lewis electron-dot structure for a molecule of carbon dioxide, CO_2 .

104. At a pressure of 1 atmosphere, what is the temperature of a mixture of steam and water at equilibrium?



105. A 1-gram sample of which substance in a sealed 1-liter container will occupy the container completely and uniformly?



106. Which sample is composed of particles arranged in a regular geometric pattern?

