Quiz 12.3 - Modern Materials

Name: / Q/

Question 1

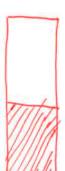
Of the ionic compounds below, which would you expect to have the highest and lowest lattice energy

CaS

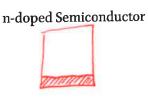
Question 2

Metal

In the space below, draw a band diagram for each of the following materials:

















Question 3

Below are the chemical structures of two monomers. Draw the structure each would form when polymerized, and classify each polymer as an addition polymer or a condensation polymer