1. Given that \( R_2 = 100\, \text{K}, \, R_5 = 100\, \text{K}, \, R_6 = 10\, \text{K}, \, R_7 = 200\, \text{K}, \, R_L = 0.5\, \text{K}, \) and \( V_{cc} = 9\, \text{V}, \) find the bias voltage at pin 3 of the op amp.

2. Find the bias voltage at pin 6 of the op amp.

3. What capacitor(s) affect the low frequency response?

4. What capacitor(s) affect the high frequency response?

5. If \( V_{in} = 0.1\, \text{V} \) what is \( V_o? \)