Name:  ID:  Section:

Read the LM741 op amp documentation

1. What is the open-loop gain of the LM741 op amp? Draw the equivalent circuit of the op amp.

2. Draw the circuit for an inverting op amp circuit.

3. Draw the circuit for a non-inverting op amp circuit.

4. For the above two circuits, explain the reasoning behind connecting the feedback resistor from the output to the specific input you selected. In otherwords, what happens if you connect the feedback resistor to the negative input? What happens if you connect the feedback resistor to the positive input?