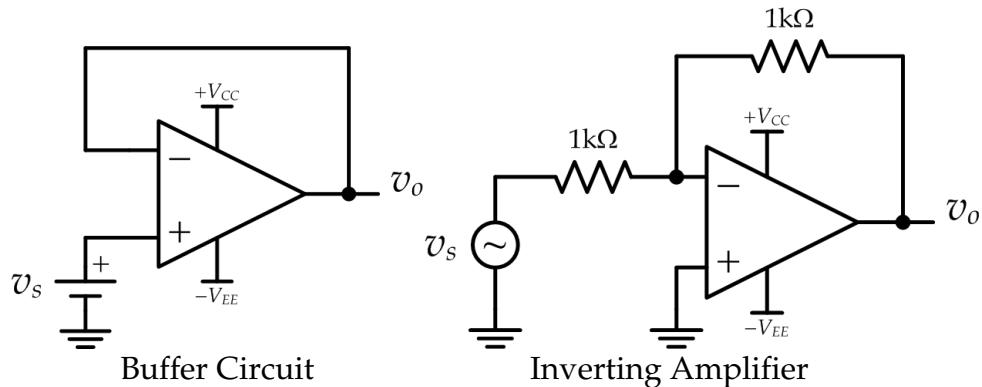


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ID	Comp	Name

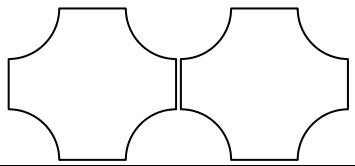
1. Objectives

1. Build the buffer circuit shown using LM741 op amp with biasing supplies of $\pm 9V$. Make sure you power up the biasing supplies first before applying the input voltage.
2. Build the inverting amplifier shown below and check its operation using an AC signal with $v=10V_{peak}$ sine wave $f = 1\text{kHz}$



2. Equipment

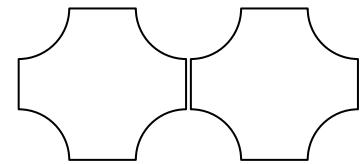
- | | |
|---|-------|
| <input type="checkbox"/> DC Supply | Qty = |
| <input type="checkbox"/> Function Generator | Qty = |
| <input type="checkbox"/> Digital Multimeter | Qty = |
| <input type="checkbox"/> Oscilloscope | Qty = |
| <input type="checkbox"/> Other: | |



3. Experiment Steps

Experiment (1.1):

Experiment (1.2):



4. Results

Experiment (1.1)

<i>input voltage</i> v_s	<i>output voltage (v_o)</i>	
	<i>theoretical</i>	<i>experimental</i>
0V		
+1V		
+5V		
-1V		
-5V		

Experiment (1.2)

<i>input voltage</i> v_s (peak)	<i>output voltage (v_o)</i>	
	<i>theoretical</i>	<i>experimental</i>
0V		
+1V		
+5V		
-1V		
-5V		

5. Remarks

(Handwriting area for Remarks)