

**Practical Quiz #4**  
**Operational Amplifier**

Obtain an index card from a TA or instructor listing circuit and component values to be used in this question. (Please do not write on this card.)

On a protoboard, build the op-amp circuit shown on the index card. Use the 741 or 1458 chip. You will have to look up the pinouts for this chip on the web or your notes or other references.

Using the function generator, input a 50 mV peak-to-peak square wave. Display the input and output from the op-amp on the oscilloscope.

Sketch the op-amp circuit and indicate its name below.

Explain why the input and output you observe shows that your circuit functions as expected.

Show your results to a TA or instructor and have them sign this sheet below.