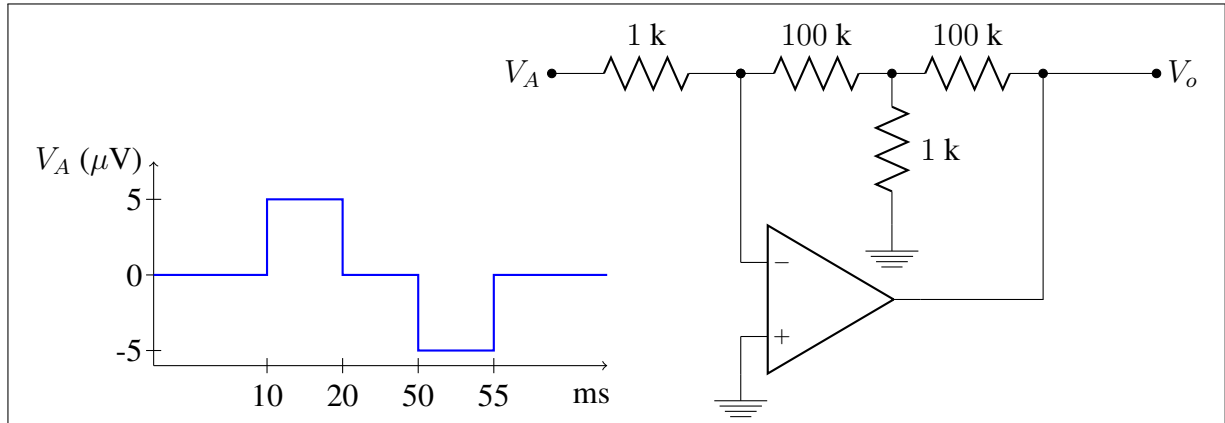


(1/5) Name _____ Student Number _____

(4/5) Please answer the following question in the space below:

Given an input waveform (right, time axis not to scale) and a circuit (left). All op-amps are ideal.

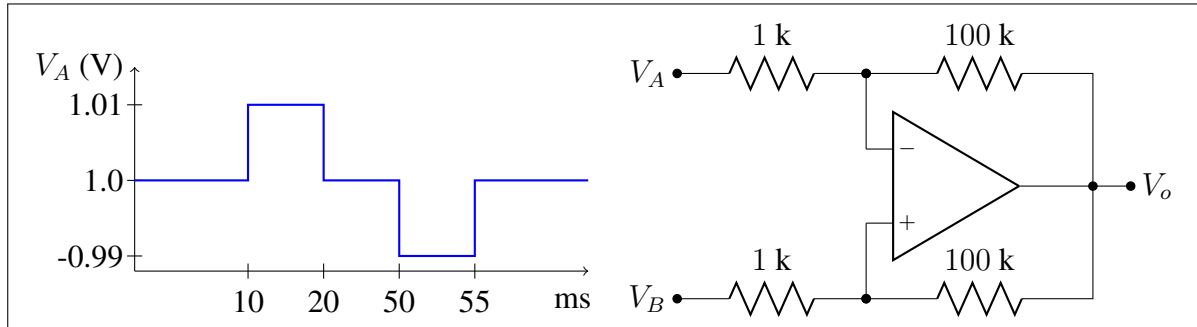


Sketch the output, V_o , and **calculate** the time and voltage of any transitions.

(1/5) Name _____ Student Number _____

(4/5) Please answer the following question in the space below:

Given an input waveform (right, time axis not to scale) and a circuit (left). All op-amps are ideal.

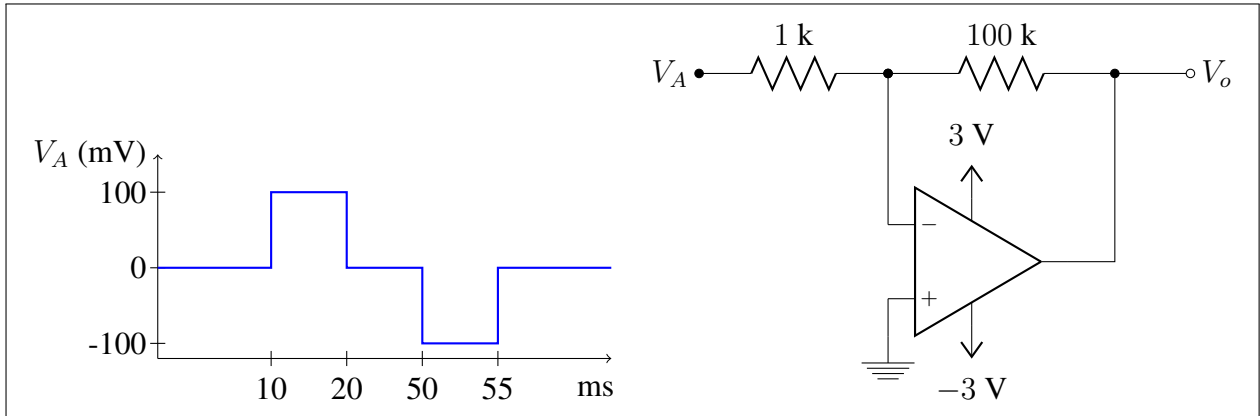


where $V_B = 1002$ mV. **Sketch** the output, V_o , and **calculate** the time and voltage of any transitions.

(1/5) Name _____ Student Number _____

(4/5) Please answer the following question in the space below:

Given an input waveform (right, time axis not to scale) and a circuit (left). All op-amps are ideal.

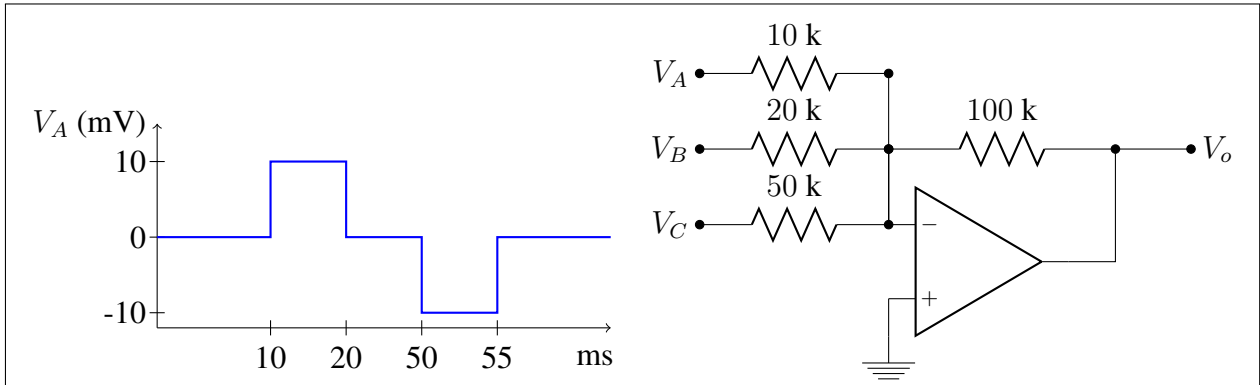


Sketch the output, V_o , and **calculate** the time and voltage of any transitions.

(1/5) Name _____ Student Number _____

(4/5) Please answer the following question in the space below:

Given an input waveform (right, time axis not to scale) and a circuit (left). All op-amps are ideal.

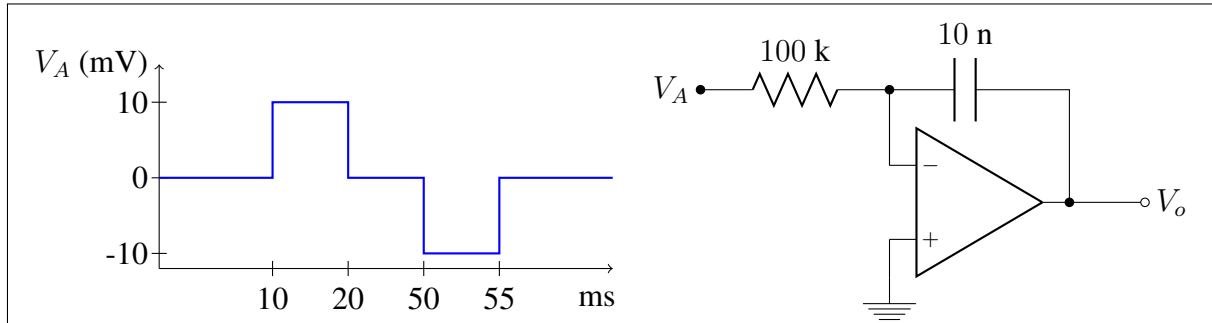


where $V_B = 100$ mV and $V_C = -100$ mV. **Sketch** the output, V_o , and **calculate** the time and voltage of any transitions.

(1/5) Name _____ Student Number _____

(4/5) Please answer the following question in the space below:

Given an input waveform (right, time axis not to scale) and a circuit (left). All op-amps are ideal.



Sketch the output, V_o , and **calculate** the time and voltage of any transitions.