

EE 311

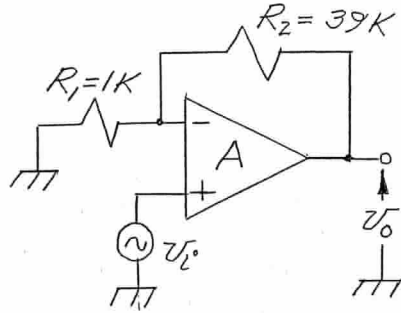
Quiz 3 (10pts)

Name _____

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ID _____

1. In the circuit below, the op amp has a gain of 20dB at a frequency of $f = 100\text{KHz}$.



(5pts)

- a) Determine the 3dB frequency, f_{3dB} , for the non-inverting amplifier.

$$f_{3dB} = \underline{\hspace{2cm}}$$

(5pts)

- b) Determine the magnitude of the non-inverting amplifier gain, $|G|$, at $f = \sqrt{3} f_{3dB}$.

$$|G| = \underline{\hspace{2cm}}$$