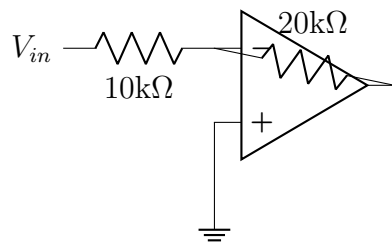


Analyze the inverting amplifier circuit:



If  $V_{in} = 2\text{V}$ : a) What is the gain of the amplifier? b) What is the output voltage  $V_{out}$ ?