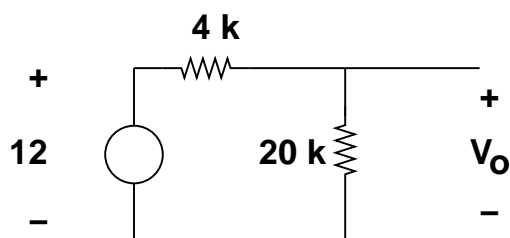
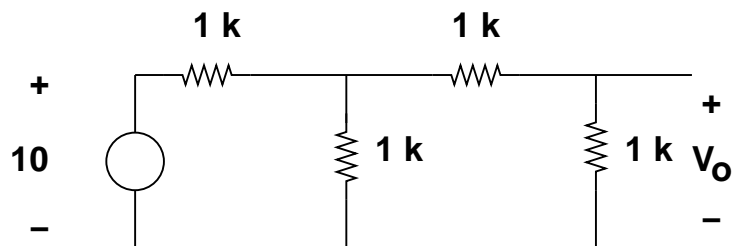


MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Electrical Engineering and Computer Science
6.01—Introduction to EECS I
Spring Semester, 2008
NanoQuiz For Week 8

1. For the voltage divider below, what is the voltage V_o ?



2. For the somewhat more complex circuit below, what is the voltage V_o ?



3. For the op-amp circuit below, if the voltage v_{in} is 2 volts and $R_i = 100\Omega$, what would R_f need to be so that the voltage v_{out} is 12 volts?

