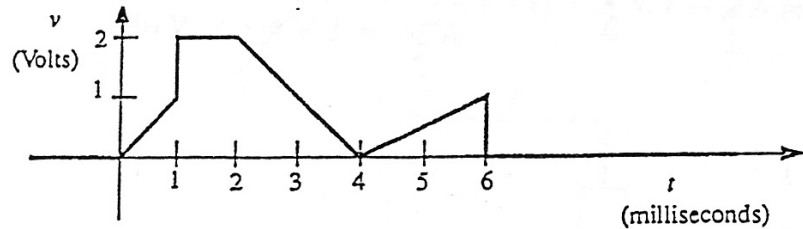
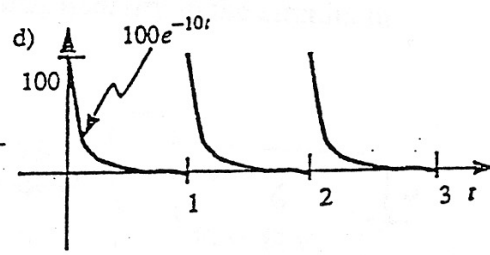
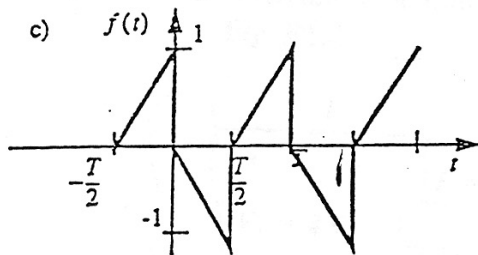
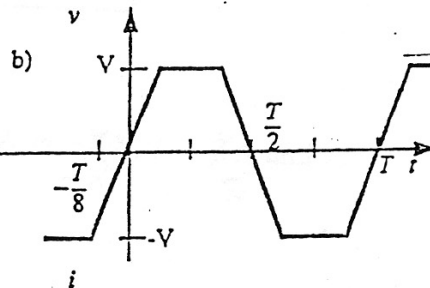
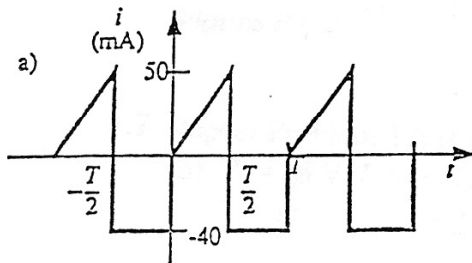


Problem Set 1 (Fall 2008)

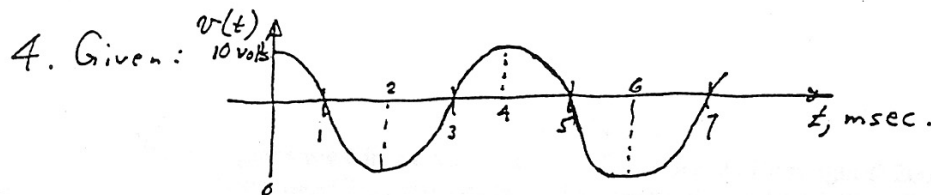
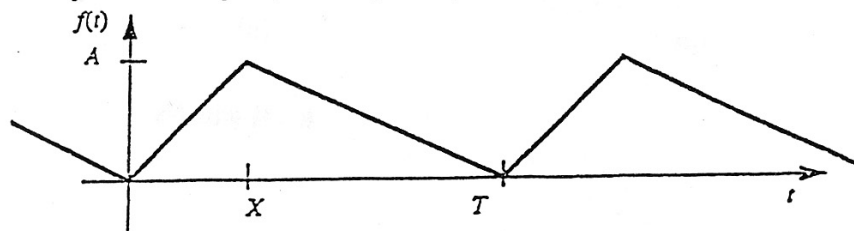
1. Find the equations which represent the following waveform.



2. Determine the average and root-mean square (rms) values of the following waveforms:



3. Show that the average and rms values of a sawtooth (like the one below) are independent of the position of the peak, and are given by 0.5 and 0.577 of the peak value respectively.



Find f , ω , and the simplest equation for this waveform.