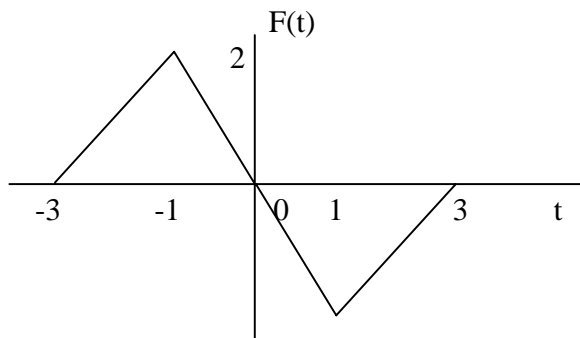
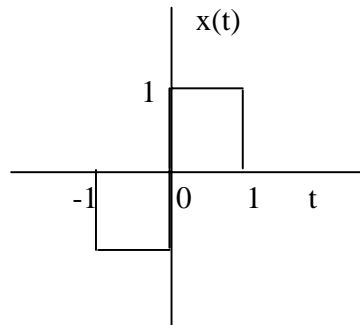


EE207 Winter 09 (082)
Extra problem #3

1) Apply the differentiation property to obtain the Fourier transform for the following waveform



2) Apply the Fourier transform integral to find the Fourier transform for the following waveform, sketch the magnitude of the transform.



3) Determine the step response of the system that has the impulse response $h(t) = 2e^{-t}u(t)$.