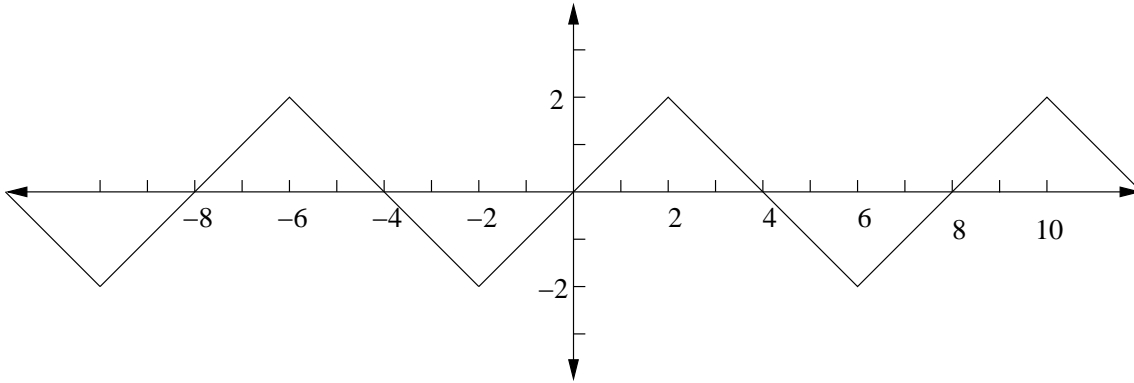


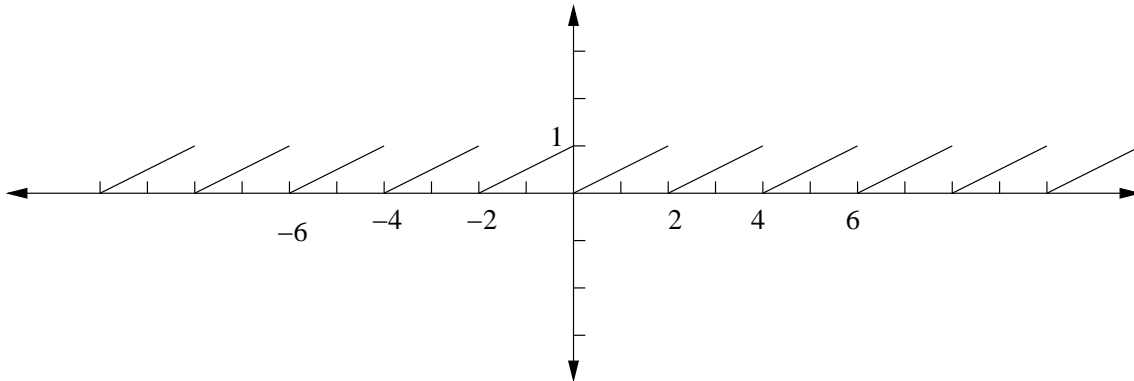
Homework Set 10. Tentatively due Friday November 12

Find the Fourier Series for each of the periodic functions graphed below. Start by figuring out what the value of  $L$  is.

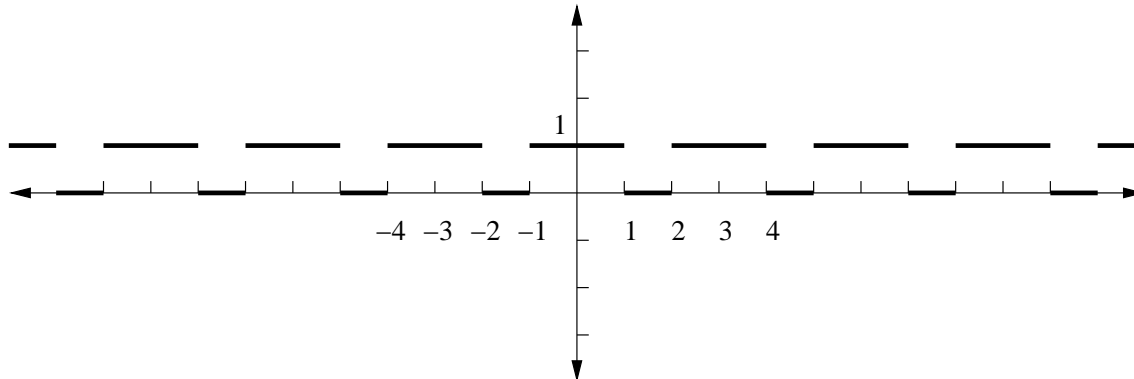
Graph 1.



Graph 2.



Graph 3.



4. Use a computer to plot the partial sums for  $m = 1, 2, 3, 10$  and  $100$  for Graph 1.