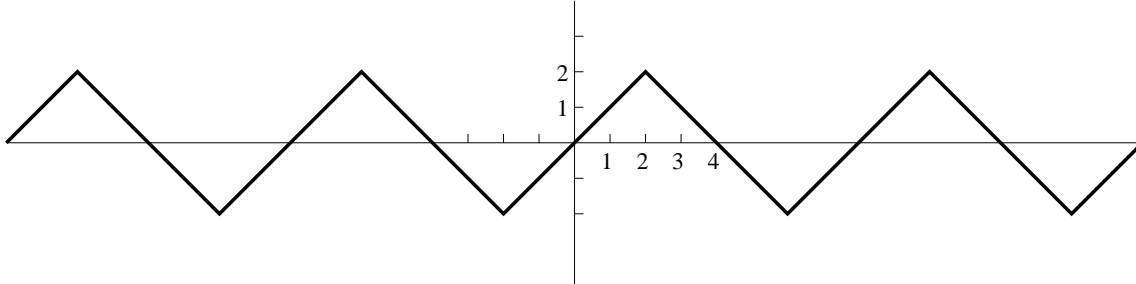
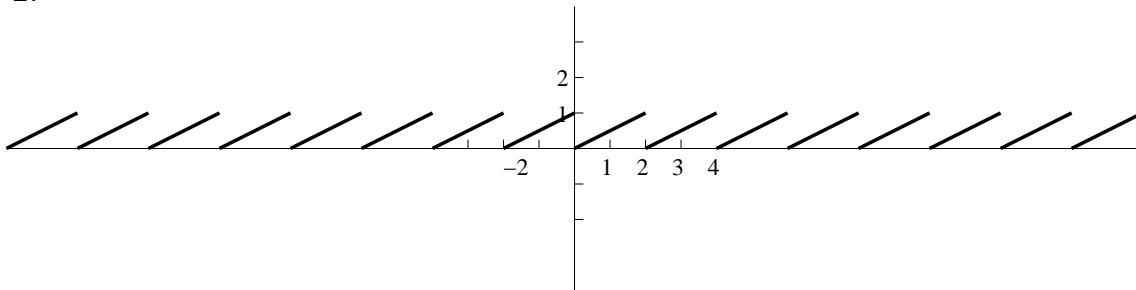


Find the Fourier Series for each of the functions shown below.

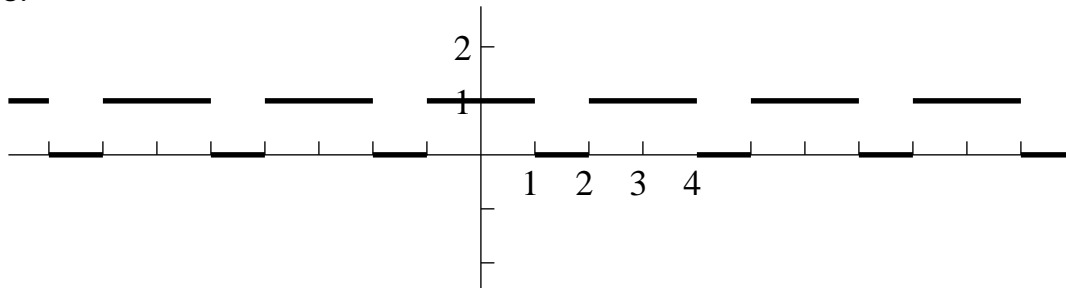
1.



2.



3.



Extra Credit. Pick one of the above and use a computer to plot the partial sums for $n = 1, 2, 3, 5, 10, \&100$.