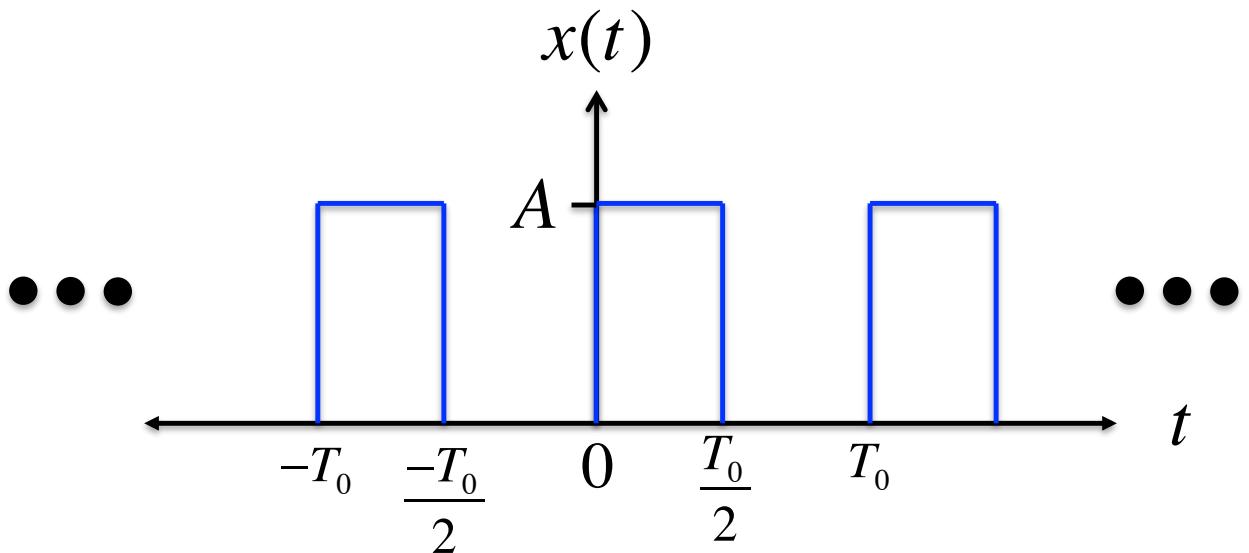


1. Derive the Fourier series representations for the following waveforms listed in Table 5-4 of your textbook. The correct answers are in Table 5-4, and the solutions are already posted as a set of practice problems on the Blackboard site for this course. Your goal should be to make sure that you can do these derivations correctly, and fully on your own, without looking at the solutions.

- a. (50 points) Square pulse train:



- b. (50 points) Triangular Wave:

