

MAP 3306 eMath2 **Quiz 2** 14 Sep 2007 Name: _____

Directions: Show **ALL** work for credit; Give **EXACT** answers when possible; **SIMPLIFY** your answers;

1. Find the Fourier Series of the function $f(x)$ with period $p = 2L$ given below

$$f(x) = |x| \quad (-1 < x < 1) \quad p = 2$$