MAP 3306 eMath2   **Quiz 7**   2 Nov 2007   Name: _____

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

1. Find the Fourier integral of $f(x) = \begin{cases} 1 - 2|x| & |x| < 1 \\ 0 & \text{otherwise} \end{cases}$ (Don't forget the Even/Odd Rule.)