

Math 325: Differential Equations Name: _____

Quiz 9 *April 6, 2001*

You may use your own calculator. You may not use anything else. You may not pass a calculator to another person.

Show all your work. Erase or cross out any work you do not want graded.

Find the Fourier series of $\cos 43560129x$ on the interval $-\pi < x < \pi$.

(Hint: Think!)