Dr. Z.'s Math 421(1), (Fall 2014, RU) REAL Quiz #5

NAME: (print!) _____

E-MAIL ADDRESS: (print!) _____

1. Find the Fourier series of

$$f(x) = \begin{cases} 2, & \text{if } -\pi < x < 0; \\ -1, & \text{if } 0 \leq x < \pi. \end{cases}$$