

Name: _____

EE322 Fall 2012 Quiz 02
Be sure to label your axes.

1. Plot $u[4 - 2n]$.

2. A system is defined by $y(t) = \log_{10}(x(t))$

a. Prove whether this system is linear or not.

b. Is the system BIBO stable? Prove why or why not.

Bonus: In 1943, Russia and Germany fought the largest tank battle in history. What was the name of the battle?