

Name: _____

EE322 Fall 2012 Quiz 01
Be sure to label your axes.

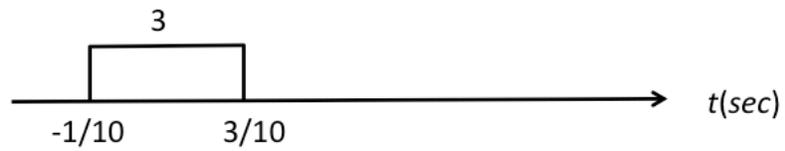
1. Plot $rect(t)$.

2. Plot $ramp(t) \cdot u(t)$.

3. Plot $h(t) = rect(t) \cdot u(t)$.

4. Plot $tri(t) + u(t/2)$.

5. Write $g(t)$ in terms of $\text{rect}(t)$, if $g(t)$ is graphed as shown below:



6. Plot $g(t) = \text{tri}\left(\frac{1-t}{2}\right)$

7. Find x and y if:
 $2x - 7y = 5$
 $x + 14y = -15$

Bonus: What two countries fought the Battle of Tsushima Straits in 1905, and who won?