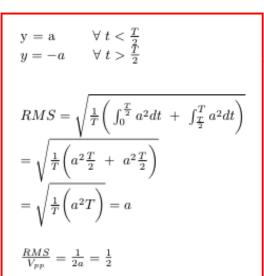
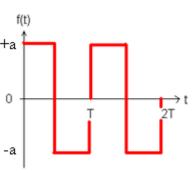
## Week 2 Prelab

Calculate the ratio RMS/Vpp for the following signals. Show all your work! Name:

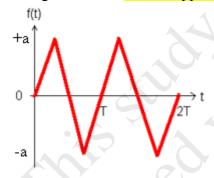
1. Square Wave: RMS / Vpp = ?

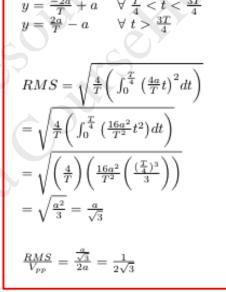
UID:





2. Triangular Wave: RMS / Vpp = ?





3. If you see a difference by a factor of 10 between the oscilloscope reading and the function generator setting, where is the first place that you should look? Watch the Probe Setting video (https://youtu.be/dtSuTHIviSo) for the answer.

4.	If you see a difference by a factor of 2 between the oscilloscope reading and the function generator setting, where is the first place that you should look? Watch the Function Generator Output Impedance video ( <a href="https://youtu.be/-8Dv1oOjD9w">https://youtu.be/-8Dv1oOjD9w</a> ) for the answer.
5.	Why would you ever want to use AC coupling on an oscilloscope? Watch the AC Coupling video (See CCLE) for the answer.

Week 2 Prelab End