

Week 6 Pre-Lab

BIOE 320 Systems Physiology Laboratory

Student Name:

Total Grade: /10

1. Describe Einthoven's Law, the resulting visualization, and how it can be used to explain the electrical activity of the heart.
2. Visualization of the ECG using Einthoven's Triangle involves plotting each of the leads (mV vs. time). Describe what each of the leads (I, II, and III) displays, and how and why the visualization differs.
3. In a clinical setting and in this lab, readings are recorded for only two leads. Which leads are measured? Why?