## 6.2.1: Time-varying Signals (40 points total)

1. Attach to this worksheet the input and output voltage sketches you created in the pre-lab for sinusoidal, triangular, and square waves. (7 pts)
2. Attach to this worksheet an image of the oscilloscope window, showing the sinusoidal waveforms and their measured amplitudes, periods, and frequencies. In the space below, provide the amplitudes, periods, and frequencies determined directly from the time plot in the oscilloscope window. Comment on the agreement between the two sets of data. (8 pts)
3. **DEMO**: Have a teaching assistant initial this sheet, indicating that they have observed your circuit’s operation for sinusoidal inputs. (3 pts)

**TA Initials: \_\_\_\_\_\_\_**

1. Attach to this worksheet an image of the oscilloscope window, showing the triangular waveforms and their measured amplitudes, periods, and frequencies. In the space below, provide the amplitudes, periods, and frequencies determined directly from the time plot in the oscilloscope window. Comment on the agreement between the two sets of data. (8 pts)
2. **DEMO**: Have a teaching assistant initial this sheet, indicating that they have observed your circuit’s operation for triangular inputs. (3 pts)

**TA Initials:** \_\_\_\_\_\_\_

1. Attach to this worksheet an image of the oscilloscope window, showing the square waveforms and their measured amplitudes, periods, and frequencies. In the space below, provide the amplitudes, periods, and frequencies determined directly from the time plot in the oscilloscope window. Comment on the agreement between the two sets of data. (8 pts)
2. **DEMO**: Have a teaching assistant initial this sheet, indicating that they have observed your circuit’s operation for square wave inputs. (3 pts)

**TA Initials:** \_\_\_\_\_\_\_