Pivot Properties of Transverse Waves Summary **Name: _____**

In the pivot lab, you began with some simple observations.

What property of the coil changed the speed of the wave?

Describe what you did to measure the…	
Frequency	**Wavelength**

What did you plot on each axis of the graph? Why did we do it this way?

Write up a conclusion for the lab using the template. **THIS IS NOT A FILL IN THE BLANK,** you need to write the ENTIRE paragraph below the box and include the requested items that are in brackets [ ]

After investigating the behavior _____, I conclude that there is a _____relationship between the [independent variable name] and the [dependent variable name] As the [independent variable] kept increasing, the [dependent variable]_____. This system of a _____ can be mathematically modeled as:

[write the final equation]

where the constant [slope value] **is the** [description of slope for this experiment] **.**

Write your entire conclusion here: