

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 []

<p>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]_____.</p> <p>This system of a _____ can be mathematically modeled as:</p> <p style="text-align: center;"><i>[write the final equation]</i></p> <p>where the constant [slope value] is the [description of slope for this experiment] .</p>

Write your entire conclusion here: