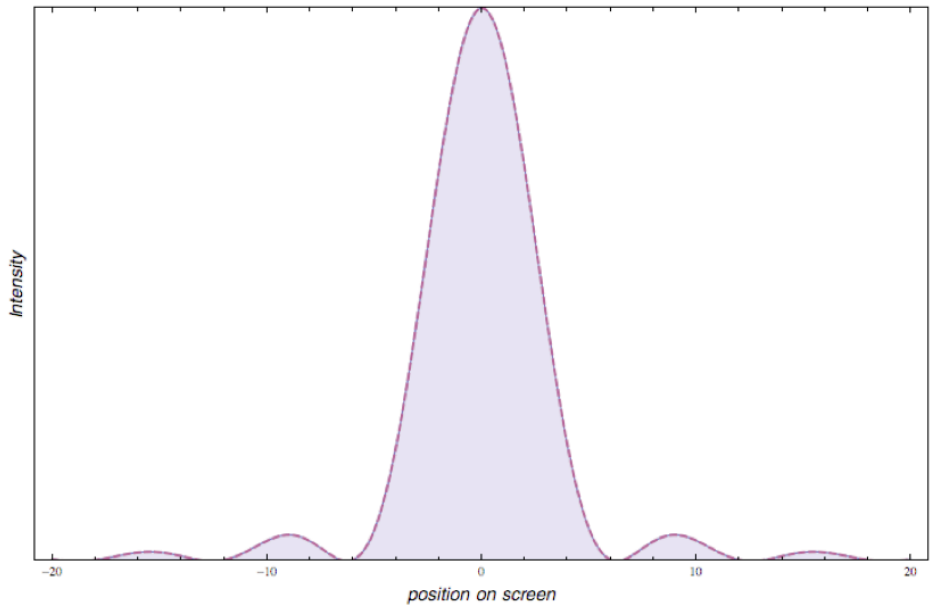
Practical Lab #2
Fall 2013

Name_____ **Section**_____

This document will be provided to you at the practical lab session.

Questions (remember units)

1. Label the principle maximum and the first two diffraction minima on the diffraction plot. Draw and label an arrow that represents the distance x_{+2}



2. What is your measured value of the laser wavelength? Copy it from the spreadsheet. Include the standard deviation as the uncertainty.

$\lambda =$ $\pm$ mm

Did you use 10% as the uncertainty? YES_____ NO _____

3. From the known value of that wavelength, show that your result is or is not consistent with that known value. Be neat. Show your work.