**Light Diffraction Hair Diameter Lab Key**

**Math Problem Example:**

L: distance from light source to screen is 2.23 meters

d = 635 X 2.23\*

10 (4.3)

**d = 32.93 micrometers (µm)**

* Other problems of this type show the conversion of all of the units to meters and more complicated math/averaging. This data gathering process and mathematical equation has been simplified, and it still works well.