**Calibrating**

1. Focus stage micrometer
2. Count:

\_\_\_\_\_\_\_ X: The number of mm on the stage micrometer

\_\_\_\_\_\_\_ Y: The number of intervals on the eyepiece graticule

1. Calculate the calibration value (one interval of the eyepiece graticule)

Calibration Value= Macintosh HD:Users:student:Desktop:Screen Shot 2014-03-04 at 5.06.54 AM.png

**Measuring**

1. Focus on specimen rather than stage micrometer
2. Count and calculate:

\_\_\_\_\_\_\_ number of intervals on the eyepiece graticule

X

\_\_\_\_\_\_\_ mm calibration value

= \_\_\_\_\_\_ mm length of measurement distance

**Calibrating**

1. Focus stage micrometer
2. Count:

\_\_\_\_\_\_\_ X: The number of mm on the stage micrometer

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