

Name:

Section:

Performance Task #1

Time to Investigate!

A random sample of 20 students were asked to estimate the average number of hours they spent per week studying outside of class. Construct a frequency distribution table and solve the following measures of position. (Use $i = 3$)

3	6	15	14	7
12	11	4	16	14
9	8	13	10	9
12	11	3	13	5

Calculate the following:

1. Q_1
2. D_5
3. D_8
4. P_{40}
5. P_{85}

Complete the Frequency Distribution table below:

Class Interval	Frequency	Lower Boundaries (LB)	Less than Cumulative Frequency (<cf)