

Question 1 (Essay Worth 10 points)

(06.02 MC)

The Jonas school district gives awards to its schools based on overall student attendance. The data for attendance are shown in the table, where Low represents the fewest days attended and High represents the most days attended for a single student.

School	Low	High	Range	Mean	Median	IQR	σ
High School M	128	180	62	141	160	55.5	41.5
High School N	131	180	49	159	154	48.5	36.5
High School P	140	180	40	153	165	32.5	31.5

Part A: If the school district wants to award the school that has the most consistent attendance among its students, which high school should it choose and why? Justify your answer mathematically. (5 points)

Part B: If the school district wants to award the school with the highest average attendance, which school should it choose and why? Justify your answer mathematically. (5 points)

 Like 11k

 G+1 3k