Math 247: Take Home Team Quiz 1 (5 pts)	Team Member 1:	KEY	Value of the second
Instructions: Form a team of 2 - 3 people. You will turn in one quiz for the group.	Team Member 2:		* · · · · · · · · · · · · · · · · · · ·
The quiz is due on Tuesday, 8/27/19, at the beginning of class. You will hand in one quiz for each Team.	Team Member 3 (opt.):		***
Write your answers using complete sentences. Be SURE to explain your thinking!			
Standard Deviation is a number that tells us about the _	Variability	of a da	ta set.
2. Suppose that Samira records the ages of customers at the while Mary records the ages of customers at the McDonald larger SD of their ages – Samira or Mary? Explain why.	i's near the highway at the	same time. Who wi	ll have the
Answer: Samira: College Campus. Mary: McDonald's near highway	- most peop	le will be	around lents)
Mary: McDonald's near highway. Mary's data will have the to customers will have a lot mo people on a college campus. 3. Consider the following dotplots of	many differ Parger SD SI re variety ii	rent ages! ince McDon their age	ald's
customer ratings (on a scale of $1-5$) of Restaurant A	. :		
four restaurants (A – D). Arrange the four restaurants in order from smallest SD to largest SD, without performing any calculations. Explain your thinking!			L.,
Note: The mean is 3 Restaurant B	•	•	<u> </u>
(X=3) for each Restaurant C Restaurant D	1 2		5
3 has the Cleast SD: Ratings for don't have any varia	B belity so that	tings means S	D=0
has next to least SD: Katings Still are concentrated on	the center.	54 74	
has next to the largest SD: than A's ratings I since the	Ratings are ere are 21'	more spreads and 25	of out
has the largest SD: The	ratings are	all far f	iom