

Statistics MINOR Q3 Grade Recovery Opportunity #6

Measures of Variation Practice

The Federal Highway Administration reported the number of deficient bridges in each state, given in raw data form below. Then, answer the questions that follow.

15,458	1,055	5,008	3,598	8,984
1,337	4,132	10,618	17,361	6,081
6,482	25,090	12,681	16,286	18,832
12,470	17,842	16,601	4,587	47,196
23,205	25,213	23,017	27,768	2,686
7,768	25,825	4,962	22,704	2,694
4,131	13,144	15,582	7,279	12,613
810	13,350	1,208	22,242	7,477
10,902	2,343	2,333	2,979	6,578
14,318	4,773	6,252	734	13,220

1. Find the range. *Be sure to show your set-up. Answers only will not be sufficient.*
2. Find the variance. *Be sure to show your set-up. Answers only will not be sufficient.*
3. Find the standard deviation. *Be sure to show your set-up. Answers only will not be sufficient.*

****You may hand-write & scan OR type on a Word/Pages document.****

DUE: Sunday, May 10th @ 7 PM via Curve Dropbox
(in folder titled, "Remote/Distance Learning")