

The following represents the test scores of a sample of students from each of the Algebros' classes:

Mr. Bean						Mr. Brust					Mr. Kelly					Mr. Sullivan							
85	60	88	95	90	77	100	50	78	92	100	81	82	84	90	84	83	60	92	96	88	90	92	98

1. Fill in the table, rounding values to the nearest tenth when necessary:

	Mr. Bean						Mr. Brust					Mr. Kelly					Mr. Sullivan				
Mean																					
Median																					
Range																					
Standard Deviation																					

- Which Algebro's sample has the highest mean?
- If you were Mr. Brust, would you use the mean or the median to describe your data if you wanted to show your test scores were the highest?
- Which Algebro's students were the most consistent? Justify by talking about the standard deviation.

2. Find the value of  $x$ .

- 3, 9, 10, 8, 7,  $x$ . The mean is 7.
- 35, 20,  $x$ , 90 ; The median is 41.
- 35, 100,  $x$ , 20, 90 ; The median is 41.
- 25, 55,  $x$ , 90, 10 ; The mean is 50.