

9.1 to 9.3 Review

Display the data in a dot plot. Identify any clusters, peaks, or gaps in the data.

1.

Weight (grams)			
42	40	37	42
43	41	42	43
37	41	41	42

2.

Time (seconds)				
63	66	65	60	59
59	64	58	65	58
64	60	59	64	63

Find the mean of the data.

3.

Tour Dates	
May	
June	
July	
August	
September	

4.

Scores	
Judge 1	8.9
Judge 2	9.4
Judge 3	8.6
Judge 4	9.1

Find the median and the mode(s) of the data.

5. 3, 5, 9, 11, 3

6. 24, 4, 37, 56, 6, 56, 45

Find the mean median, and mode(s) of the data.

7. 47, 147, 24, 47, 38, 42

8. 34, 57, 58, 56, 21

9. You conduct a survey to answer: "How many hours does a sixth-grade student spend exercising during a week."

- Is this a statistical question? Explain in a complete sentence.
- Display the data in a dot plot. Identify any clusters, peaks, or gaps in the data.
- Use the distribution of the data to answer the question.

Hours of Exercise				
5	1	5	3	5
4	5	2	5	4
3	4	6	5	6

10. The number of emails you received in 5 days is shown. What is the mean number of emails you receiver per day?



Emails	
Monday	12
Tuesday	6
Wednesday	8
Thursday	10
Friday	4

11. The data are your quiz scores for a class. Find the median and the mode of the data.

18, 19, 17, 14, 20, 20, 15, 21