

CHAPTER 9 PRACTICE TEST

Determine whether the question is a statistical question. Explain.

1. How many hours do sixth grade students sleep at night?	2. How many states are in the United States?
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Display the data in a dot plot. Identify any clusters, peaks, or gaps in the data.

3. <table border="1"><thead><tr><th colspan="4">Year</th></tr></thead><tbody><tr><td>2010</td><td>2012</td><td>2011</td><td>2014</td></tr><tr><td>2011</td><td>2015</td><td>2010</td><td>2015</td></tr><tr><td>2014</td><td>2013</td><td>2011</td><td>2011</td></tr></tbody></table>	Year				2010	2012	2011	2014	2011	2015	2010	2015	2014	2013	2011	2011	4. <table border="1"><thead><tr><th colspan="5">Points</th></tr></thead><tbody><tr><td>0</td><td>1</td><td>2</td><td>0</td><td>2</td></tr><tr><td>2</td><td>0</td><td>1</td><td>0</td><td>5</td></tr><tr><td>0</td><td>5</td><td>2</td><td>6</td><td>1</td></tr></tbody></table>	Points					0	1	2	0	2	2	0	1	0	5	0	5	2	6	1
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Find the mean, median, and mode(s) of the data.

5. 74, 67, 80, 82, 69, 84, 81, 63	6. 18, 21, 22, 18, 19
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7. The data are the number of minutes students spend studying for a test.
35, 32, 38, 34, 36, 69, 32, 25, 41.
Find the mean, median and mode(s) of the data.

Find the range of the data.

8. 76, 78, 79, 81, 85, 92	9. 34, 31, 35, 36, 27, 33
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Find the median, first quartile, third quartile, and the interquartile range of the data.

10. 44, 70, 50, 65, 43, 58, 67, 74	11. 4, 18, 15, 10, 19, 4, 9
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Find the median and mode(s) of the data.

12. 55, 65, 49, 22, 56, 65, 61, 57,	13. 83, 68, 56, 100, 78, 94, 74
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