

Name: _____

Period: _____

HOMEWORK 7-1
Mean, Median, Mode and Range

Unit 7

Find the mean, median, mode and range using the given data. Round to the nearest tenth if necessary.

Data: **8, 15, 9, 7, 4, 5, 9**

1. Mean: _____

2. Median: _____

3. Mode: _____

4. Range: _____

Data: **4.9, 5.7, 6.0, 5.3, 4.8, 4.9, 5.3, 5.7, 4.9**

5. Mean: _____

6. Median: _____

7. Mode: _____

8. Range: _____

Data: **271, 221, 234, 240, 271, 234, 213, 253**

9. Mean: _____

10. Median: _____

11. Mode: _____

12. Range: _____

Data: **98, 78, 76, 95, 84, 81, 91, 84, 77, 90**

13. Mean: _____

14. Median: _____

15. Mode: _____

16. Range: _____

Use the data in the tables below. Round to the nearest tenth if necessary.

Lake	Depth (ft)
Superior	1333
Michigan	923
Huron	750
Erie	210
Ontario	802

Class		# students
Pre-Algebra	A1	35
Pre-Algebra	A2	34
Pre-Algebra	A3	30
Pre-Algebra	A4	33
Algebra	B1	30
Algebra	B2	28
Algebra	B3	22

17. What is the **mean** lake depth? _____

19. What is the **mean** class size? _____

18. What is the lake depth **range**? _____

20. What is the **median** class size? _____

The table below shows the number of times per day that students go to their lockers.

Student Locker Visits							
2	2	0	1	2	2	3	4
0	5	2	5	2	5	2	4
2	4	6	4	5	6	5	6
2	2	0	1	4	6	10	2

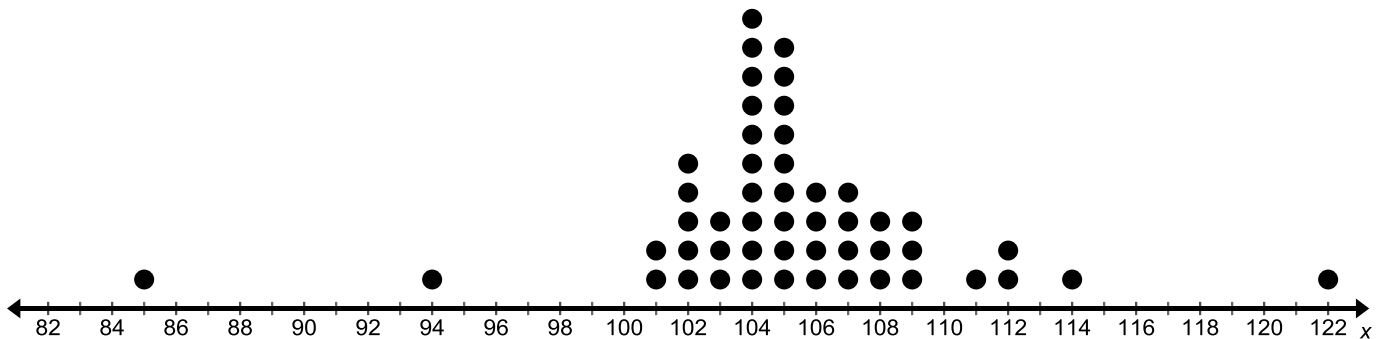
21. What is the **mean** number of visits? _____

23. What is the **mode** number of visits? _____

22. What is the **range** of visits? _____

24. What is the **median** number of visits? _____

For Problems 25-27, use the line plot below. It shows the record high temperatures recorded by weather stations in each of the fifty states.



25. What is the range of the data?

26. What temperature occurred most often?

27. Describe how the range of the data would change if 122 were not part of the data set.