PRACTICE EXERCISES

1. Find the median of the data: 5, 7, 4, 9, 5, 4, 4, 3
A. 5.125   B. 14   C. 4.5   D. 4

2. Find the mean of the following data: 12, 10,15, 10, 16, 12,10,15, 15, 13
A. 13   B. 12.5   C. 15   D. 12.8

3. Find the mode of the following data: 20, 14, 12, 14, 26, 16, 18, 19, 14
A. 14   B. 17   C. 26   D. 16

4. Find the mean of the folowing data: 0, 5, 2, 4, 0, 5, 0, 3, 0, 5,   0, 3
A. 0   B. 2.25   C. 2.5   D. 3.86

5. Find the median of the following data: 25, 20, 30, 30, 20, 24, 24, 30, 31
A. 20   B. 26   C. 25   D. 30

6. Find the median of the following data: 1, 6, 12, 19, 5, 0, 6
A. 6   B. 7   C. 19   D. 3.5

7. Find the mean of the following data: 20, 24, 24, 24, 22, 22, 24, 22, 23, 25
A. 23.5   B. 23   C. 24   D.

8. Find the mode of the following data: 5, 0, 5, 4, 12, 2, 14
A. 4   B. 5   C. 6   D.. 0

9. Find the mean of the following data: 0, 5, 30, 25, 16, 18, 19, 26, 0, 20, 28
A. 0   B. 18   C. 19   D. 17

10. Find the median of the following data: 9, 6, 12, 5, 17, 3, 9, 5, 10, 2, 8, 7
A. 6.5   B. 7.5   C. 6   D. 7.75

The table at right shows the distribution of scores on Quiz #6 in MGF1106 for Sections 01-08, Spring 1999. Refer to the table for exercises 11 - 14.

score	freq
6	11
8	26
10	27
12	32
14	31
16	12
18	15
20	7

11. Select the statement that is correct.
A. 6 people had scores of 11.
B. 27 people had scores of 10.
C. A and B are both correct.
D. All of these are false.

12. Find the median quiz score.
A. 13.5   B. 12   C. 31.5   D. 13

13. Find the mean quiz score.
(Answers may have been rounded.)
A. 12   B. 12.2   C. 13   D. 13.4

14. Find the mode.
A. 31   B. 7   C. 12   D. 7

The table at right shows the distribution of ACT Math scores for a sample of students enrolled in MGF1106, Fall 1999. The data is authentic. Refer to the table for exercises 15 - 18.

ACT Math	freq
15	1
16	1
17	10
18	7
19	13
20	9
21	7
22	7
23	13
24	4
25	3
26	4
28	3
29	1
30	1

15. Select the statement that is true.

A. 17 students had scores of 10.
B. 42 students had scores of 13.
C. A and B are both true.
D. A, B and C are all false.

16.   Find the mean ACT score (answers may be rounded).
A. 21   B. 23   C. 22   D. 24

17. Find the median ACT score (answers may be rounded).
A. 21   B. 23   C. 22   D. 24

18. Find the mode.
A. 19   B. 23   C. 13   D. The mode is not unique.   .

The table at right shows the relative frequency (R.F.) distribution of a population of retail Store employees according to hourly wage.

Wage	R.F.
$7.50	.49
8.00	.12
8.50	.17
9.00	.09
9.50	.07
10.00	.06

19. Find the mean wage.

A. $8.75   B. $8.16   C. $8.42 D. $7.92

20. Find the median wage.

A. $7.50   B. $8.00   C. $8.50 D. $7.75

ANSWERS TO PRACTICE EXERCISES

1. C	**2.** D	**3.** A	**4.** B	**5.** C	**6.** A
7. B	**8.** B	**9.** D	**10.** B	**11.** B	**12.** B
13. B	**14.** C	**15.** D	**16.** A	**17.** A	**18.** D
19. B	**20.** B				