

Practice 4.2

A. For each data set, find the mean, median, and mode. Round calculations to the nearest hundredth or cent. You MAY use a calculator.

- Golf scores for 7 rounds:
76, 82, 75, 87, 80, 82, and 79
- Sales totals for 6 weeks:
\$5,624; \$10,380; \$8,102; \$6,494; \$12,008;
and \$8,315
- Cost of lunch for 8 days:
\$4.50, \$5.25, \$4.50, \$3.75, \$4.50, \$5.25,
\$6.10, and \$4.25
- Miles driven per day for 5 days:
330, 286, 342, 300, and 287
- Grocery bills for 4 weeks:
\$97.48, \$106.13, \$110.98, and \$92.74
- Scores on 7 quizzes:
90, 72, 86, 100, 88, 78, and 88
- High temperatures for 10 days:
96°, 103°, 98°, 101°, 98°, 100°, 100°, 97°,
98°, and 100°
- Inches of rainfall over 3-day period:
2.5, 1.8, and 1.4
- Attendance figures at a play:
305, 294, 328, 296, 305, 315, and 292
- Hours worked per week for 5 weeks:
36, 40, 38, 40, and 40

B. Choose the one best answer to each question. You MAY use your calculator.

Questions 11 and 12 refer to the following information.

Homes Sold in Fairfield Heights in June		
Home	Asking Price	Selling Price
#1	\$124,600	\$116,500
#2	\$132,400	\$124,800
#3	\$118,900	\$116,500
#4	\$98,500	\$103,600
#5	\$105,800	\$109,000
#6	\$122,400	\$118,400

- What was the mean asking price of the homes sold in Fairfield Heights in June?
A. \$117,100
B. \$116,500
C. \$115,450
D. \$114,800
- What was the median selling price of the homes sold in Fairfield Heights in June?
A. \$112,750
B. \$114,800
C. \$116,500
D. \$117,450
- The numbers of patients enrolled at four health clinics are 790, 1150, 662, and 805. Which expression could be used to find the mean number of patients per clinic?
A. $\frac{790 + 1150 + 662 + 805}{4}$
B. $790 + 1150 + 662 + 805$
C. $\frac{662 + 1150}{2}$
D. $(790 + 1150 + 662 + 805) \div 2$
- What is the median value of \$268, \$1258, \$654, \$1258, \$900, \$1558, and \$852?
A. \$1258
B. \$964
C. \$900
D. \$852
- What is the mode of the following points scored: 14, 17, 14, 12, 13, 15, 22, and 11?
A. 13.5
B. 14
C. 14.75
D. 16.5

Answers and explanations begin on page 668.