

Name _____



4-2

Range, Mode, Median, and Mean

Find the range, mode, median, and mean.

1. 1, 1, 2, 4, 5, 1, 2, 1, 2, 6, 8

2. 1.3, 1.4, 1.5, 1.5, 1.3, 1.4, 1.4, 1.4

3. 500, 550, 455, 475, 5000, 555, 700, 610, 524

4. Why is the median so much smaller than the mean in Problem 3?

Problem Solving

5. Alexa had the following scores on her math quizzes: 57, 84, 81, 97, 81, 89. She can choose among the mean, the median, or the mode for her quiz grade. Which one should she choose?

Use data in the table for problems 6–7. Round to the nearest tenth.

Ages of Workers in a Fast Food Restaurant

17	18	17	18	17	19	17	18	18	23	24	25	49
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6. What is the mean age of all the workers? _____
7. The manager hires a new worker who is 47 years old. What is the new mean age of the entire work crew? _____

Spiral Review

8. $2.3 \times 45 =$ _____ 9. $4.3 \times 5.6 =$ _____ 10. $1.05 \times 24.3 =$ _____