Name _____ Date _____ Class _____

Skill: Mean, Median, and Mode

For Exercises 1–3, use the table.

1. What is the mean height of the active volcanoes listed to the nearest foot?

2. What is the median height of the active volcanoes listed?

3. What is the mode of the heights of the active volcanoes listed?

Active Volcanoes	
Name	**Height Above Sea Level (ft)**
Cameroon Mt.	13,354
Mount Erebus	12,450
Asama	8,300
Gerde	9,705
Sarychev	5,115
Ometepe	5,106
Fogo	9,300
Mt. Hood	11,245
Lascar	19,652

The sum of the heights of all the students in a class is 1,472 in.

4. The mean height is 5 ft 4 in. How many students are in the class? (1 ft = 12 in.)

5. The median height is 5 ft 2 in. How many students are 5 ft 2 in. or taller? How many are shorter?

The number of pages read (to the nearest multiple of 50) by the students in history class last week are shown in the tally table.

Pages	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750
Tally	I		II	‖‖ I	I	‖‖	III	IIII	I	I					I

6. Find the mean, the median, and the mode of the data.

7. Are there any outliers in this set of data.

8. Do any outliers raise or lower the mean?

9. Would you use the mean, median, or mode to most accurately reflect the typical number of pages read by a student? Explain.