Mean, median, mode, ratio, create table

Watters
5Th/5-5
Lincoln Elementary School

Form Number 60806

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1. The submarine Newlands is exploring a region of the Arctic Ocean. A new undersea mountain has been spotted and the crew has named it Xernon. The communication crew picks up a signal from the surface of the mountain. It is in a code that the crew cannot make out. Here's the message:
FOFO ONON MNMN FNFN MOMO OOFF.
The crew hopes to understand it by analyzing how often each letter is used.
a. Make a table showing the number of times each letter occurs.

b. Find the mean number of times a letter occurs, the median number of times a letter occurs, and the mode. How did you find each?

c. Now find the ratio of the number of times a certain letter occurs to the number of letters in the message. Write the ratios as fractions in lowest terms.

d. Which measure gives you the most important information about the message?