Problem Variation

Standard: Finding Measures of Central Tendency.

Problem Variations in Finding the Mean

1. Find the mean of the following data: 78, 74, 81, 83, and 82.

2. In Ted's class of thirty students, the mean on the math exam was 80. Andrew's class of twenty students had a mean of 90. What was the mean of the two classes combined?

3. Ted's bowling scores last week were 85, 89, and 101. What score would he have to make on his next game to have a mean of 105?

4. One of your students was absent on the day of the test. The class average for 24 students was 75%. After the other student took the test, the mean increased to 76%, what did the last student make on the test?