

Methods for Describing Sets of Data

2.4 Skewed Distributions

1. A set of exam scores appears to have a left-skewed distribution. The median for the set of scores is 75, which of the following values could possibly be the mean?
A. 75 B. 76 C. 78 D. 72 E. 77
2. Income distributions are usually right skewed. In 2009, the median family income in Miami-Dade County was around \$41,367. Knowing that the median is \$41,367 and the distribution is probably right skewed, what can we say about the average family income in Miami?

Answers:

1. D. 72
2. It must be higher than \$41,367.00 since in right-skewed distributions the mean is higher than the median.