

## Averages: Mean, Median, and Mode

Given the following values, find the a) mean b) median and c) mode of the data, if possible.

1) 65, 80, 80, 90, 95, 100

2) 1.2, 3.5, 2.4, 1.8, 2.4

3) 12, 16, 13, 15, 12, 13, 13, 18, 14

4) 4, 6, 9, 8, 7, 5, 6, 4, 6, 5, 6

5) A student made the following grades on her tests in a class where the lowest grade is dropped: 65, 78, 82, 91, 92. What is her mean average in the class? (Round your answer to the nearest point.)

6) The gas bills of 15 people last month were as follows: \$45, \$72, \$49, \$52, \$64, \$58, \$72, \$45, \$40, \$62, \$45, \$45, \$54, \$60, \$68.

a) What is the mean average of the gas bills last month?

b) What is the median average of the gas bills last month?

c) What is the mode average of the gas bills last month?

7) A class has 25 students. On a test, 3 students earned a 90, 7 students earned an 80, 11 earned a 70, 3 students earned a 60, and you earned a 75. How did your score relate to the mean average of the class?

**Answers:** 1) a) 85 b) 85 c) 80 2) a) 2.26 b) 2.4 c) 2.4 3) a) 14 b) 13 c) 13 4) a) 6 b) 6 c) 6 5) 86 6) a) \$55.40 b) \$54 c) \$45 7) The mean of the class is 74.2, so you did 0.8 points better than the class mean