

# Math 9 Assignment 7: Statistics

Name: \_\_\_\_\_

1. What is the mean of 3, 5, and 25?
  
  
  
  
  
  
  
  
  
  
2. What is the average of the numbers 1, 10, 60, 100.
  
  
  
  
  
  
  
  
  
  
3. 2, 7,  $k$   
Given the mean is 9, find  $k$
  
  
  
  
  
  
  
  
  
  
4. Find the median of the following numbers:
  - a. 10, 20, 40, 45, 60, 100, 2000
  
  
  
  
  
  
  
  
  
  
  - b. 5, 20, 40, 4000
  
  
  
  
  
  
  
  
  
  
  - c. -10, 5, 200, 5000, -100
  
  
  
  
  
  
  
  
  
  
5. Find the range of the numbers 20, -40, 1, 90
  
  
  
  
  
  
  
  
  
  
6. Find the average of the numbers  $0.8$ ,  $\frac{2}{3}$ , -5, and 200%
  
  
  
  
  
  
  
  
  
  
7. True or False: As ice cream sales increase, the rate of drowning deaths increases sharply. Therefore, ice cream consumption causes drowning.