

Mean, Median, and Mode 1

1. Find the mean, median, and mode of these data sets.
 - a. Puppies' birth weights: 300 g, 310 g, 270 g, 290 g, 330 g, 300 g
 - b. English test scores: 15 18 21 16 19 11 14 20 22 16 17
 - c. Hourly wages of employees: 8 8 9.5 9.5 11.5 12 12 12 15 15 15 15 24
 - d. If you change the wages of the one employee with \$24/hour to \$12/hour, how much does the mean change? Median? Mode?
 - e. Add one student to the English test scores data with test score 5. Find the mean, median, and mode again. How much did the mean change? Median? Mode?

2. a) Find the mode and median for each of the data sets about students' sleeping hours. For median, study the graphs carefully!

b) The means for these three data sets are: 9.22 hours, 6.9 hours, and 8.58 hours. Which one belongs to which?

c) For which data set is the difference between its mean and median the smallest?

d) Which data set has the smallest range?

