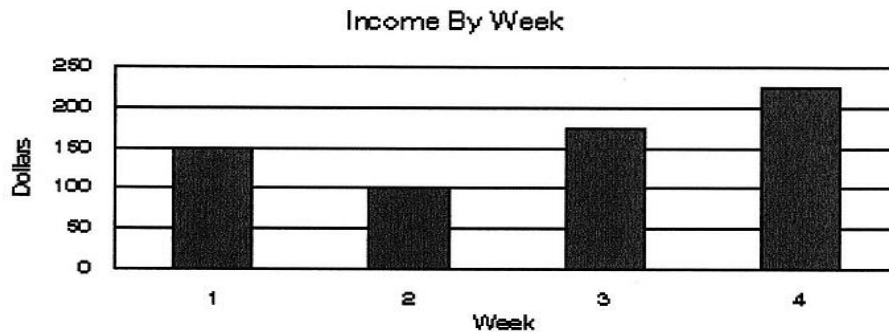


Mathematics  
Power Standard 7:10  
Pretest  
Name \_\_\_\_\_ Hour \_\_\_\_\_

1. Maria wants to make a graph of her daughter's height from birth to age 10. What type of graph would best represent Maria's data?  
A. line plot  
B. line graph  
C. circle graph  
D. stem and leaf plot
2. What is the difference, in dollars, between the biggest and the smallest paychecks based on the graph below?



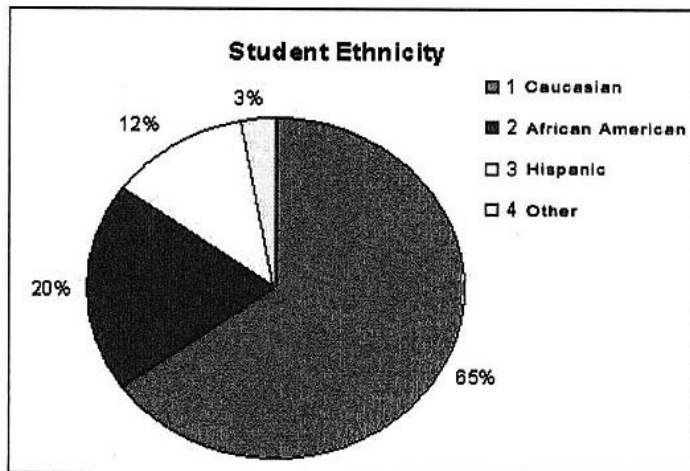
- A. 125  
B. \$75  
C. \$150  
D. \$100
3. Make a line plot for the following data.

Test Scores					
98	90	97	85	86	92
92	93	95	99	91	92
91	94	88	90	93	92

4. Which measure of central tendency is most affected if the set of data has an outlier?
- A. mean
  - B. median
  - C. mode
  - D. range
5. Find the mean median, mode, and range of the following data. Round to the nearest tenth, if necessary.

14, 5, 16, 7, 4, 15, 9, 7, 2, 14, 6

6. The graph below shows the ethnicity of Macon Middle School students. If there are 850 students at the school, how many of them are Hispanic?



7. A circle graph shows that 45% of students in the U.S. are in grades K-8. How many degrees would this section of the circle graph be?
- A.  $45^\circ$
  - B.  $90^\circ$
  - C.  $162^\circ$
  - D.  $180^\circ$