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Chapter 5 Section B Diagnostic Checkpoint

MULTIPLE CHOICE

- Which is the mode of the data listed below? (5-6)
23, 22, 18, 20, 31, 22, 26, 22, 20, 19, 20
A. 22 B. 20 and 22 C. 20 D. 22.09
- Which graph best describes how data changes over time? (5-8)
F. Bar graph G. Line graph H. Circle graph J. Stem-and-leaf plot

FREE RESPONSE

Use the table at the right. (5-6, 5-9)

- Find the mean, median, and mode of the data.
- How many games were above the median?
Below the median?
- If you wanted to graph the data at the right, what type of graph would you choose?

Grant Middle School
2002 Season

Game	Points Scored
Game 1	6
Game 2	6
Game 3	10
Game 4	17
Game 5	21

Use the data at the right. (5-7, 5-8, 5-9)

- 600 Adams Middle School students were surveyed. Copy and complete the table and label the remaining sections of the circle graph.
- What other type of graph could be used to display the data?

Adams Middle School
Lunch Preferences

Lunch	Number of Students
Pizza	212
Hot Dogs	83
Fish	48
Chicken	63
Taco Salad	95
Hamburgers	



Writing in Math

- Explain the difference between a circle graph and a bar graph. Give an example of when you would use each type of graph. (5-7)
- The double bar graph shows the requirements for pushups in order to receive a physical fitness award. Compare the boys and girls and describe any trends you see. (5-9)

Physical Fitness
Award Requirements

