

**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.
12; 10; 6
- How many games were above the median?
Below the median? **2 games; 2 games**
- If you wanted to graph the data at the right,
what type of graph would you choose?

Sample answer: bar graph

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. **See right.**
- What other type of graph could be used to display the data?

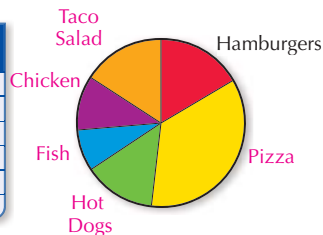
Sample answer: bar graph

**Grant Middle School
2002 Season**

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

**Adams Middle School
Lunch Preferences**

Lunch	Number of Students
Pizza	212
Hot Dogs	83
Fish	48
Chicken	63
Taco Salad	95
Hamburgers	99

**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)
See margin.
- 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)
See margin.

**Physical Fitness
Award Requirements**

