

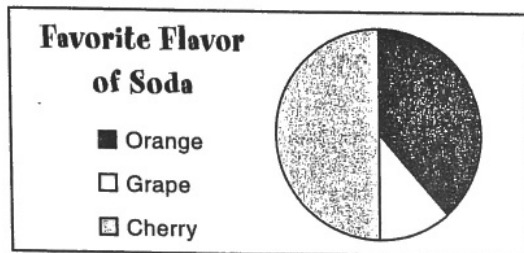
# Math Test

HW

Name \_\_\_\_\_

Fill in the circle next to the correct answer.

Use the circle graph to answer Numbers 1 through 3.



- If there were 40 children surveyed, about how many liked cherry the best?  
 (A) 10                      (C) 20  
 (B) 15                      (D) 30
- About how many children liked grape?  
 (A) 2                        (C) 10  
 (B) 5                        (D) 15
- About how many more children liked orange compared to grape?  
 (A) 1                        (C) 10  
 (B) 5                        (D) 15

Use the stem and leaf plot to answer Numbers 4 and 5.

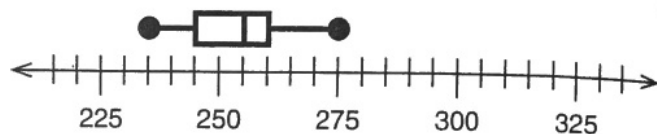
**Math Test Scores**

Stem	Leaves
4	9
5	
6	5 9
7	5 9 9
8	0 1 2 4 5 6 7 8 8
9	0 2 2 2 4 5 5 5 8 8 9
10	0 0 1

- What is the median score on the math test?  
 (A) 87                      (B) 92                      (C) 88                      (D) 95

- What was the lowest test score?  
 (A) 0                      (B) 1                      (C) 9                      (D) 49

Use the box and whisker plot to answer Numbers 6 through 8.



- What was the median score of the data?  
 (A) 235                      (B) 245                      (C) 255                      (D) 275
- What was the highest score?  
 (A) 235                      (B) 245                      (C) 255                      (D) 275
- What was the median of the lower half of the data?  
 (A) 235                      (B) 260                      (C) 245                      (D) 275

- Make a box and whisker plot to represent the following test scores:

20, 22, 23, 26, 27, 27, 28, 31, 34, 39

- Make a stem and leaf plot to represent the following test scores:

72, 75, 80, 85, 89, 90, 95, 96, 96, 99, 99

Construct and interpret graphs