

Part 1: Classify each question as one of the following choices:

- A. Non-statistical and Categorical
 B. Non-statistical and Numerical
 C. Statistical and Categorical
 D. Statistical and Numerical

- 1) How many pets do you own? 1) _____
 2) Which Incentive Day activity is the favorite one among 6th grade students? 2) _____
 3) What is your best friend's favorite sport? 3) _____
 4) How many points were scored by you and your classmates on the last test? 4) _____

Part II

Use the stem-and-leaf plot.

Stem	Leaf
1	0 7
2	0 3 7 7 9
3	1 8

5. What is the greatest number shown in the plot?
 A. 39 B. 38
 C. 79 D. 203,779
 5. _____
6. What is the least number shown in the plot?
 F. 0 G. 1 H. 10
 I. 107
 6. _____
7. How many numbers shown are less than 30?
 A. 0 B. 2 C. 5 D. 7
 7. _____
8. How many times is the number 27 shown in the plot?
 F. 0 G. 1 H. 2 I. 3
 8. _____

$2|3 = 23$

SHOPPING For Exercises 13-19, refer to the table. "SW" - Show Work

9. What is the mean cost of shoes at the store?
 A. \$29 B. \$30
 C. \$32 D. \$40
 9. _____

Shoe Costs (\$)			
28	40	22	32
40	22	8	40

10. What is the mean cost without the outlier?
 F. \$29 G. \$30 H. \$32 I. \$40
 10. _____
11. Which value is the outlier?
 A. \$8 B. \$32 C. \$40 D. \$22
 11. _____
12. What is the median of the data?
 F. \$29 G. \$30 H. \$32 I. \$40
 12. _____
13. What is the mode of the data?
 A. \$40 B. \$31 C. \$22 and \$40 D. \$22
 13. _____
14. What is the range of the data?
 F. \$8 G. \$1 to \$40 H. \$8 to \$40 I. \$32
 14. _____

SCHOOL Refer to the table of test scores.

14 ~~11~~. Make a ~~scatter plot~~^{line} plot of the data. SW

Test Scores			
69	95	92	87
72	87	84	78
82	80	68	78
89	78	98	91

14

11.

15 ~~12~~. How many students scored 80 or more on the test?

15

12. _____

16 ~~13~~. What is the range of the scores? SW

16 ~~13~~. _____

17 ~~14~~. What are the median and mode of the scores? SW

17 ~~14~~. _____