

Test, Form 2B

Write the letter for the correct answer in the blank at the right of each question.

SLEEP The table shows the number of hours Ladena spent sleeping each night for 12 nights. Use the table to answer Exercises 1–3.

Hours Spent Sleeping			
8	6	7	8
10	8	8	6
6	8	8	7

- What is the mode of the data?
A. 7 B. 7.5 C. 8 D. 8.5 1. _____
- What is the range of the data?
F. 4 G. 6 H. 8 I. 10 2. _____
- Which type of data display would best represent the data?
A. bar graph C. line plot
B. stem-and-leaf plot D. line graph 3. _____

FUNDRAISER Refer to the line plot to answer Exercises 4 and 5.

Cookie Dough Tubs Sold per Student



- How many students sold 6 tubs of cookie dough?
F. 1 G. 2 H. 3 I. 4 4. _____
- How many students sold 7 or more tubs of cookie dough?
A. 7 B. 9 C. 11 D. 14 5. _____
- SCIENCE EXPERIMENT** Which type of data display would be best for showing how the height of a plant changes each week during a science experiment?
F. line plot H. circle graph
G. bar graph I. line graph 6. _____

Test, Form 2B (continued)

DRESS SHOPPING Use the table for Exercises 7–9.

Dress Costs (\$)			
38	50	32	42
50	32	10	50

7. What is the median of the data?

- A. \$38 B. \$40 C. \$42 D. \$50

7. _____

8. What is the mode of the data?

- F. \$32 G. \$40 H. \$50 I. \$52

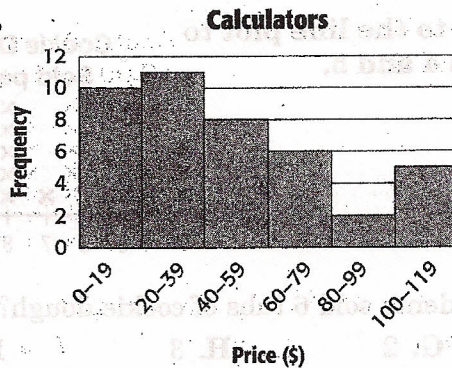
8. _____

9. Which measure of central tendency could be used to show that the costs are high?

- A. mean B. median C. mode D. range

9. _____

SHOPPING For Exercises 10 and 11, refer to the histogram.



10. Which price range has the least frequency? Which price range has the greatest frequency?

10. _____

11. How many calculators cost \$80 or more?

11. _____

12. **WEATHER** The table shows the amount of rainfall in an area over 10 years. Make a frequency table for the data. What is the median amount of rainfall?

Annual Rainfall (in.)				
36	28	38	28	30
20	35	94	37	29

12. _____