

# Chapter 2 Test, ~~Form 2B~~ Practice Test

**MUSIC** Refer to the frequency table.

- What is the most common age of music store customers?  
 A. 5–8                      B. 9–12  
 C. 13–16                    D. 17–20

Age	Frequency
5–8	2
9–12	8
13–16	28
17–20	21

1. \_\_\_\_\_

- How many people 12 years or younger shopped at the music store?

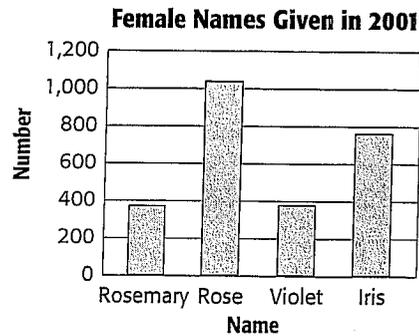
F. 2                      G. 10                      H. 8                      I. 49

2. \_\_\_\_\_

**NAMES** Refer to the bar graph.

- What two names shown had about the same popularity?

A. Rose and Iris  
 B. Rosemary and Iris  
 C. Violet and Rosemary  
 D. Rose and Rosemary



3. \_\_\_\_\_

- How did the popularity of the name Iris compare with that of Violet?

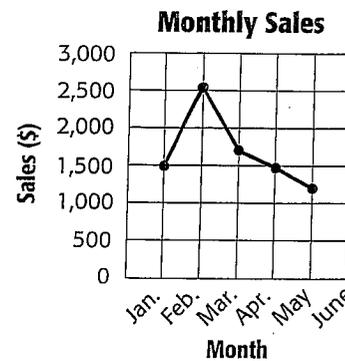
F. Violet was given about the same number of times as Iris.  
 G. Violet was given about twice as often as Iris.  
 H. Iris was given about twice as often as Violet.  
 I. Iris was given about three times more often than Violet.

4. \_\_\_\_\_

**MONEY** Refer to the line graph.

- In what month did the greatest decrease in sales occur?

A. January                      B. March  
 C. February                    D. April



5. \_\_\_\_\_

- What is the best prediction for June sales?

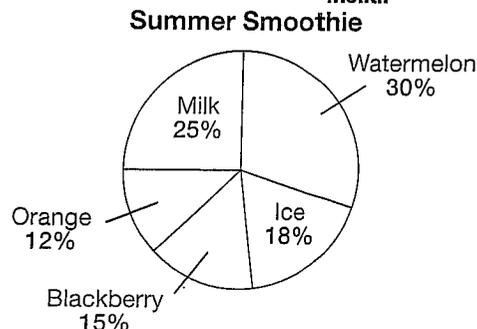
F. \$500                      G. \$1,000  
 H. \$1,250                    I. \$1,500

6. \_\_\_\_\_

**FOOD** Refer to the circle graph.

- What is the main ingredient?

A. ice                      B. watermelon  
 C. milk                    D. blackberry



7. \_\_\_\_\_

- Which two ingredients make up more than half of a Summer Smoothie?

F. watermelon and ice  
 H. milk, ice, and blackberry  
 G. milk and watermelon  
 I. blackberry and milk

8. \_\_\_\_\_

**Chapter 2 Test, Form 2B** (continued)

**Practice Test**

Use the stem-and-leaf plot.

Stem	Leaf
2	0 9
3	2 3 6 6 7
4	1 7

3 | 2 = 32

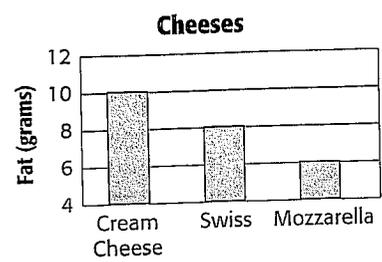
- 9. What is the greatest number shown in the plot?  
A. 47                      B. 48  
C. 67                      D. 323,668
- 10. What is the least number shown in the plot?  
F. 0                      G. 2                      H. 20
- 11. How many numbers shown are less than 40?  
A. 7                      B. 5                      C. 2
- 12. How many times is the number 36 shown in the plot?  
F. 0                      G. 1                      H. 2

- 9. \_\_\_\_\_
- 10. \_\_\_\_\_
- 11. \_\_\_\_\_
- 12. \_\_\_\_\_

SHOPPING For Exercises 13–19, refer to the table.

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

- 13. What is the mean cost of a dress at the store?  
A. \$38                      B. \$40                      C. \$42                      D. \$50
- 14. What is the mean cost without the outlier?  
F. \$38                      G. \$40                      H. \$42                      I. \$50
- 15. Which value is the outlier?  
A. \$38                      B. \$10                      C. \$42                      D. \$50
- 16. What is the median of the data?  
F. \$38                      G. \$40                      H. \$42                      I. \$50
- 17. What is the mode of the data?  
A. \$32                      B. \$40                      C. \$32 and \$50                      D. \$50
- 18. What is the range of the data?  
F. \$8                      G. \$40                      H. \$10 to \$50                      I. \$52
- 19. Which measure of central tendency is the most misleading?  
A. none                      B. median                      C. mode                      D. mean
- 20. Why is the bar graph at the right misleading?  
F. The interval starts at 4, not 0.  
G. Not enough foods are shown.  
H. The scale starts at 4, not 0.  
I. The vertical scale is not consistent.



- 13. \_\_\_\_\_
- 14. \_\_\_\_\_
- 15. \_\_\_\_\_
- 16. \_\_\_\_\_
- 17. \_\_\_\_\_
- 18. \_\_\_\_\_
- 19. \_\_\_\_\_
- 20. \_\_\_\_\_

**Bonus** If three numbers have a mode of 3 and a mean of 5, what are the three numbers?

**B:** \_\_\_\_\_