

Mr. Sweet's Hearts

Read each source below. Then complete the activities on pages 50–51.

Source 1

Mr. Sweet called his two best employees into his office. "Please sit down, Ann and Dan. I have an important job for you two. As you both know, this is our busiest time of year. Sales of Sweet's Hearts have always been at their highest in the first two weeks of February. And now that we have a newly designed website, I expect to sell even more. And that's why I need your help. I need to keep track of who is visiting our website and how many products we're selling."

Dan and Ann nodded and took notes as Mr. Sweet spoke.

"Okay, Dan, here's what I need you to do. I need you to make a report that shows how much we're selling through our website. Focus on three items: the \$8 candy hearts, the \$10 chocolate hearts, and the \$12 cookie hearts. Give me the sales numbers for the first two weeks of February and also the numbers from last year at this time. Ann, your job is to tell me how many people are visiting our website. We're airing a big radio commercial on February 5, and I want to see if that gets more **traffic** to our site. I will need both of these reports by February 16. Any questions?"



Source 2

Visitors to Sweet's Heart's Website

♥ = 200 people ♡ = 100 people

Feb. 1	♥ ♥ ♥
Feb. 2	♥ ♥ ♥ ♥
Feb. 3	♥ ♡
Feb. 4	♥ ♥ ♥
Feb. 5	♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥
Feb. 6	♥ ♥ ♥ ♥ ♥ ♥ ♥ ♥ ♡
Feb. 7	♥ ♥ ♥ ♥ ♥ ♡
Feb. 8	♥ ♥ ♥ ♥ ♥
Feb. 9	♥ ♥ ♥ ♡
Feb. 10	♥ ♥ ♥ ♥ ♥ ♥
Feb. 11	♥ ♥ ♥ ♥ ♥ ♥ ♥
Feb. 12	♥ ♥ ♥ ♥ ♥ ♥ ♡
Feb. 13	♥ ♥ ♥ ♥ ♥ ♡
Feb. 14	♥

Source 3

Online Sales (February 1–14)

Candy Hearts (\$8 per box)

Last year \$840
This year \$800

Chocolate Hearts (\$10 per box)

Last year \$900
This year \$1,300

Cookie Hearts (\$12 per box)

Last year \$600
This year \$1,200

Mr. Sweet's Hearts *(cont.)*

Name: _____

Part 1: Use the information from Sources 1, 2, and 3 to solve these math problems. Write $>$ (greater than), $<$ (less than), or $=$ (equal to) to complete each one.

1. visitors to website on February 2 _____ visitors to website on February 12
2. visitors to website on February 7 _____ visitors to website on February 13
3. candy hearts sold last February 1–14 _____ candy hearts sold this February 1–14
4. candy hearts sold this February 1–14 _____ chocolate hearts sold last February 1–14

Part 2: Fill in the bubble(s) next to the best answer(s) to each question.

5. What do we know about Mr. Sweet?
 (A) He owns Sweet's Hearts.
 (B) He designs websites.
 (C) He likes cookie hearts best.
 (D) He is Dan's boss.
6. What is the meaning of the word *traffic* near the end of Source 1?
 (A) cars
 (B) drivers
 (C) online visitors
 (D) employees
7. What were the online sales for chocolate hearts for all of last year?
 (A) \$900
 (B) \$1,300
 (C) \$2,200
 (D) That information is not given.
8. If February 1st of this year was on a Tuesday, then which day of the week was Sweet's Hearts airing its big radio commercial?
 (A) February 5
 (B) Friday
 (C) Saturday
 (D) Sunday

Part 3: Search "Mr. Sweet's Hearts" to find the **dates** on which the following things happened. Then write the number of the source in which you located this information.

9. at least 1,200 people visited the website _____ Source #: _____
10. fewer than 600 people visited the website _____ Source #: _____

Mr. Sweet's Hearts *(cont.)*

Name: _____

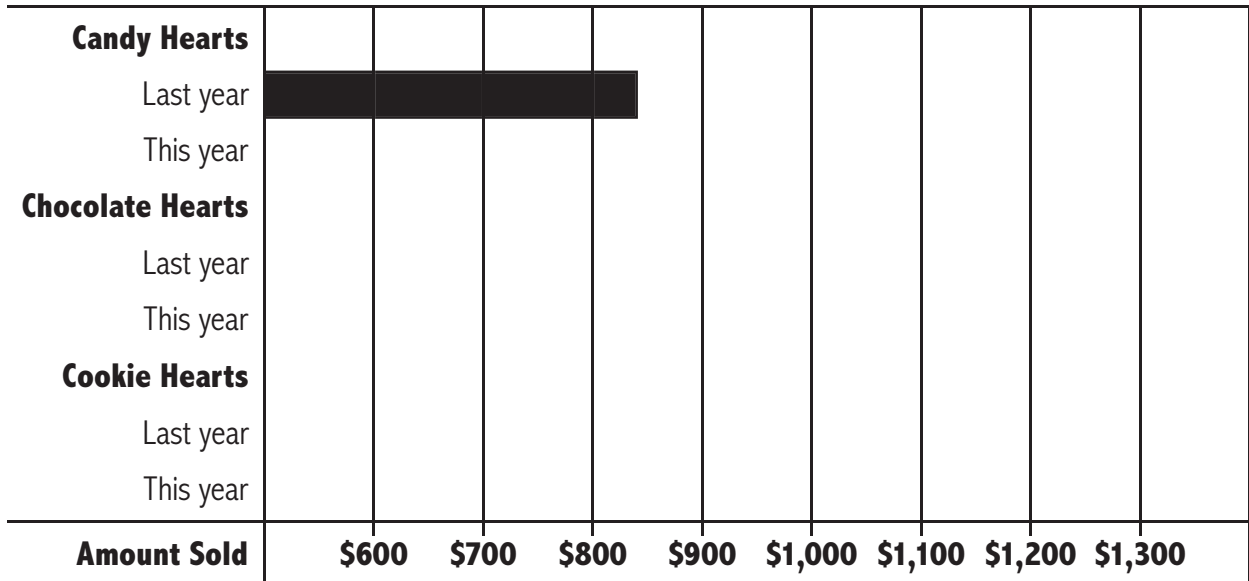
Part 4: Refer back to the sources, and use complete sentences to answer questions #12 and #13.

11. Use the information given in Source 3 to create a bar graph.

* Use a black marker to show last year's sales numbers.

* Use a red marker to show this year's sales numbers.

The first bar has been written in for you.



12. Why might Sweet's Hearts sell the most hearts during the first two weeks of February? Is there another time of year during which they might sell a lot of hearts? Explain your answers.

13. What conclusions could Mr. Sweet come to after looking at the reports from Ann and Dan? On the back of this paper, write about which products are selling this year and which business moves are bringing visitors to his website.

Answer Key *(cont.)*

Unit 12. Better Bring an Umbrella! (page 42)

Part 1

- Source 3
- Sources 1 and 4
- Source 1
- Source 2

Part 2

- A
- C
- D
- B and D

Part 3

The source number is given in parentheses.

- meteorologist (1)
- enormous (1)

Part 4

- Yes, Ivan's family is visiting Mount Wai'ale'ale at the perfect time of year. According to the graph from Source 4, April is the rainiest month in this place, and Ivan's family will be traveling there on April 12th.
- Accept appropriate responses. Students should say that the bar graph gives a much clearer picture of how rainy each month is. It is easy to measure the lengths of the bars against each other, whereas most of the sections on the pie chart look similar.
- Accept appropriate responses. Students should accurately use three synonyms of *summit* in their paragraphs.

Unit 13. Lots of Luck (page 46)

Part 1

- Source 2
- Sources 2 and 3
- Sources 1 and 3
- Source 1

Part 2

- C and D
- A
- C
- B

Part 3

The source number is given in parentheses.

- reentered (2)
- disapprovingly (2)

Part 4

- Accept appropriate responses.
- Accept appropriate responses. Each student's calendar should have the correct number of days according to the month he or she chose. On all calendars, the 13th should fall on a Friday.
- Accept appropriate responses. Students should include the part of speech, the definition, and an example of the word being used in a sentence.

Unit 14. Mr. Sweet's Hearts (page 49)

Part 1

- <
- =
- >
- >

Part 2

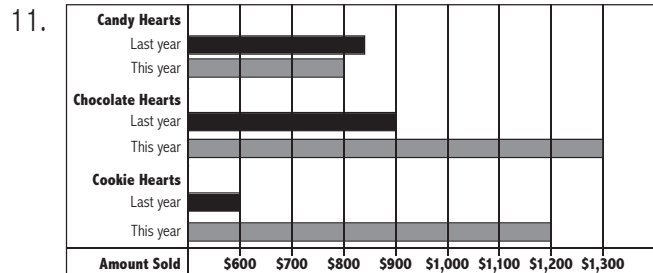
- A and D
- C
- D
- C

Part 3

The following answers are all from Source 2.

- February 5, 6, 10, 11, 12
- February 3 and 14

Part 4



- They probably sell the most during that period because of Valentine's Day. Accept reasonable responses to the second part of the question. Students might mention Christmas, Mother's Day, or another appropriate holiday in their answers.
- Accept appropriate responses. Students might mention that the radio commercial seemed to bring a lot of traffic to the site on February 5. They also might mention that cookie hearts are selling much better this year than last, while candy hearts are not.

Unit 15. A Developing History (page 52)

Part 1

- Sources 1 and 3
- Source 2
- Source 4
- Sources 1 and 3

Part 2

- C
- D
- A
- C

Part 3

The source number is given in parentheses.

- instantly (4)
- prized (3)

Part 4

- Accept appropriate responses. Definition #1: The timeline in Source 4 shows how photography has grown and become more advanced. Also, the pictures in Source 3 show Gracie how the people in them have grown from looking younger to looking older. Definition #2: The word *photograph* started to exist as two separate Greek root words. Photographs started to exist when the first one was taken in 1822, and some of Grandpa's photos started to exist when his friend took them into his darkroom and began to transfer them from film to paper. Definition #3: Both Sources 3 and 4 use the word *develop* to describe the process of making older photographs.