

Student Activity Book

Button Sizer (SAB pp. 77–82)

Questions 1–7


*See Figures 1 and 2 in the lesson for a sample data table and graph.

Name _____ Date _____

Button Sizer

Use the boxes to decide whether your buttons are small, medium, or large.

If a button fits in this box, it is small. 

If a button fits in this box but not in the small box, it is medium. 

If a button does not fit in the medium box, it is large.

Button Sizer Data Table

Size	Number of Buttons	Total
Small		
Medium		
Large		

Copyright © Kendall Hunt Publishing Company

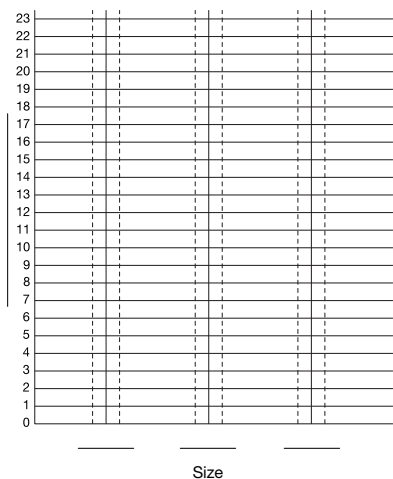
Student Activity Book - Page 77

Name _____ Date _____



Use your data table to make a graph.

Button Sizer Graph




Copyright © Kendall Hunt Publishing Company

Student Activity Book - Page 79

*Answers and/or discussion are included in the lesson.

Responses to Questions 1–7 depend on students’ data.

Name _____ Date _____



Use your graph or data table to answer each question.

- A.** Are there more small or medium buttons? _____

B. How many more? _____

Number sentence _____
- How many small and medium buttons are in your collection?

Number sentence _____
- Add 5 small buttons to your handful. How many small buttons do you now have?

Number sentence _____
- Take away 5 medium buttons from your handful. How many medium buttons do you now have?

Number sentence _____

← 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 →

Copyright © Kendall Hunt Publishing Company

Button Sizer SAB • Grade 2 • Unit 2 • Lesson 3 **81**

Student Activity Book - Page 81

Name _____ Date _____

- Some large buttons were added to your handful. You now have 10 large buttons. How many large buttons were added?

Number sentence _____
- A.** Write a different problem.

B. Show or tell how to solve your problem.
- A.** Write a different problem.

B. Show or tell how to solve your problem.

← 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 →

Copyright © Kendall Hunt Publishing Company

82 SAB • Grade 2 • Unit 2 • Lesson 3 **Button Sizer**

Student Activity Book - Page 82

Name _____ Date _____

Mrs. Baker's Buttons

Use the graph to solve each problem. Show or tell how to solve each problem and write a number sentence.

Button Sizer Graph

Size	Number of Buttons
Small	2
Medium	15
Large	7

- How many small and large buttons are there altogether?
Number sentence _____
- How many buttons does Mrs. Baker have in all? Show your work and write a number sentence.
Number sentence _____

Copyright © Kendall Hunt Publishing Company

Button Sizer SAB • Grade 2 • Unit 2 • Lesson 3 **83**

Mrs. Baker's Buttons (SAB pp. 83–86) Questions 1–5

- 9 buttons: $2 + \boxed{7} = 9$
- 24 buttons; $2 + 15 + 7 = 24$ buttons
- 7 buttons; $7 + \boxed{0} = 14$ buttons
- 9 buttons; $\boxed{9} + 2 = 11$ buttons
- 2 buttons; $\boxed{2} + 9 = 11$ small buttons

Student Activity Book - Page 83

Name _____ Date _____

- Jason has 7 large buttons. Mrs. Baker gives some of her large buttons to Jason. Now Jason has 14 large buttons. How many large buttons did Mrs. Baker give him?
Number sentence _____
- Mrs. Baker had some large buttons. She found 2 large buttons. Now she has 11 large buttons. How many did she have before she found more large buttons?
Number sentence _____
- Mrs. Baker had some small buttons. Tara gave her 9 more small buttons. Now Mrs. Baker has 11 small buttons. How many small buttons did Mrs. Baker have before Tara gave her more?
Number sentence _____

Copyright © Kendall Hunt Publishing Company

Button Sizer SAB • Grade 2 • Unit 2 • Lesson 3 **85**

Student Activity Book - Page 85

Name _____ Date _____

Mrs. Baker's Buttons

Feedback Box

Represent addition and subtraction problems using counters, number lines, drawings, and number sentences. (Op 1–5)

Solve word problems involving two whole numbers whose sum is within 100.
• Join/unknown (Op 1, 5)
• Join/change unknown (Op 2)

Use a table or bar graph to solve problems about a data set. (Op 1, 5)

	Yes...	Yes, but...	No, but...	No...
MP1. Know the problem. I read the problem carefully, I understand what the question is asking, and what information is important.				
MP2. Find a strategy. I choose good tools and an efficient strategy to solve the problem.				
MP3. Show my work. I show or tell how I arrived at my answer, and explain or understand my thinking.				
MP6. Use labels. I use labels to show what numbers mean.				

	Expectation	Check In	Comments
E6	E6		
E7	E7		
E10	E10		

Copyright © Kendall Hunt Publishing Company

Button Sizer SG • Grade 2 • Unit 2 • Lesson 3 **86**

Student Activity Book - Page 86

Teacher Guide

Button Word Problems (TG pp. 1–3)
Questions 1–6

1. 4 buttons; $7 + \boxed{4} = 11$
2. 9 buttons; $\boxed{9} + 4 = 13$
3. 5 buttons; $6 + \boxed{5} = 11$
4. 3 buttons; $7 + \boxed{3} = 10$
5. 9 buttons; $\boxed{9} + 3 = 12$
6. 8 buttons; $\boxed{8} + 8 = 16$

Name _____ Date _____

Button Word Problems

Show or tell how to solve each problem.
Write a number sentence.

1. Carla had 7 medium buttons. Kathy gave her more medium buttons. Now Carla has 11 medium buttons. How many buttons did Kathy give to Carla?

Number sentence _____
2. Miguel had some large buttons. Romesh gave him 4 more. Now he has 13 large buttons. How many large buttons did he have before Romesh gave him more?

Number sentence _____

Master **TG • Grade 2 • Unit 2 • Lesson 3**

Teacher Guide - Page 1

Name _____ Date _____

3. Julie had 6 small buttons before Mara gave her a handful of small buttons. Now Julie has 11 small buttons. How many buttons did Mara give her?

Number sentence _____
4. There are 7 medium buttons in Michael's handful. He finds more medium buttons on the floor. Now he has 10 medium buttons. How many medium buttons did he find on the floor?

Number sentence _____

2 TG • Grade 2 • Unit 2 • Lesson 3 **Master**

Teacher Guide - Page 2

Name _____ Date _____

5. Kathy made a bar on her graph for the large buttons in her handful. She found 3 more under her paper. Now she has to change her bar graph to show 12 large buttons. How many large buttons did Kathy have before she found more?

Number sentence _____
6. Chris and Peter had some small buttons. Miguel gave them 8 more. Now they have 16 small buttons. How many did they have at first?

Number sentence _____

Master **TG • Grade 2 • Unit 2 • Lesson 3**

Teacher Guide - Page 3

Copyright © Kendall Hunt Publishing Company

Copyright © Kendall Hunt Publishing Company

Copyright © Kendall Hunt Publishing Company