

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		

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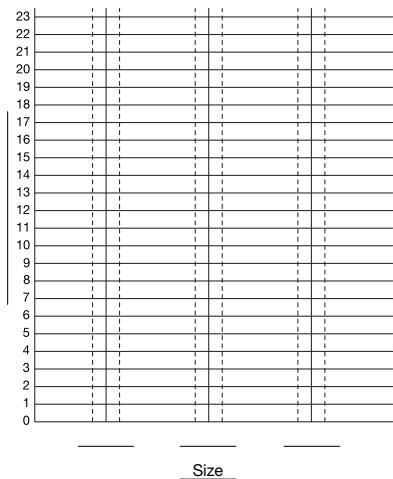
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Name _____ Date _____



Use your data table to make a graph.

Button Sizer Graph




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*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 →

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

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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 →

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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	3
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 _____

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

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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 _____

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Name _____ Date _____

Mrs. Baker's Buttons Feedback Box

Represent addition and subtraction problems using counters, number lines, drawings, and number sentences. (Q# 1–5)
Solve word problems involving two whole numbers whose sum is within 100.
• Join/relate unknown (Q# 1, 5)
• Join/change unknown (Q# 2)
• Join/start unknown (Q# 3–4)
Use a table or bar graph to solve problems about a data set. (Q# 1, 5)

Expectation	Check In	Comments
E6	Yes, but ...	
E7	Yes, but ...	
E10	No, but ...	
	No...	

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