

Student Activity Book


Estimate, Group, and Count (SAB p. 71)

\*Answers will vary. See Figure 1 for a sample answer.

Name \_\_\_\_\_ Date \_\_\_\_\_

### Estimate, Group, and Count

Estimate the number of buttons in your handful. Group and count them. Circle the estimate that was closer to the actual count.



Partner 1 \_\_\_\_\_ Partner 2 \_\_\_\_\_

Estimate	Grouping	Count
Partner 1		
Partner 2		
Partner 1		
Partner 2		
Partner 1		
Partner 2		

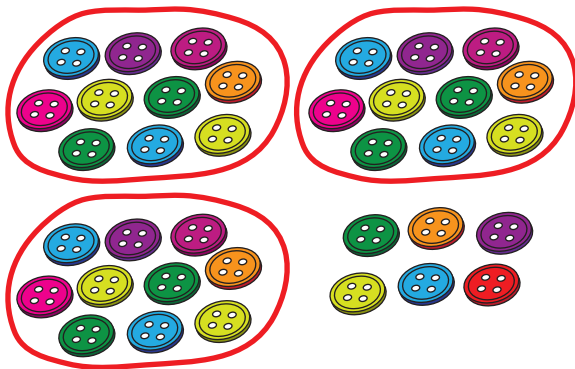
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Handful of Buttons
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Handful of Buttons (SAB p. 73)

Answers will vary. Sample answer is provided for “There were 36 buttons in my handful. I grouped them this way.”



\* See Figure 3 for a sample data table.

Name \_\_\_\_\_ Date \_\_\_\_\_

### Handful of Buttons

There were \_\_\_\_\_ buttons in my handful.  
I grouped them this way:

Handful of Buttons Data Table

Number of Buttons	Number of Students
1–10	
11–20	
21–30	
31–40	
41–50	
51–60	
61–70	
71–80	
81–90	
91–100	
Total:	

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

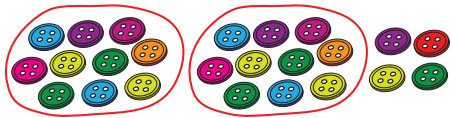
Name \_\_\_\_\_ Date \_\_\_\_\_

**Groups of Buttons**

Draw a picture to show how to solve each problem.

- Emily has 32 buttons. She groups them by tens.
- Mark has 27 buttons. He groups them by fives.
- Diana grabs a handful of buttons. She draws 2 groups of ten and 4 leftover buttons.

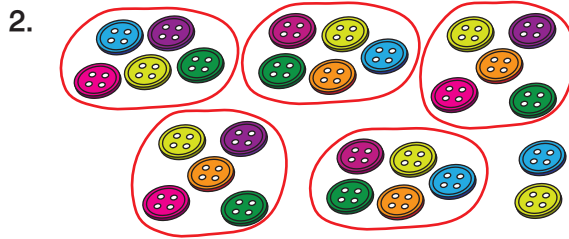
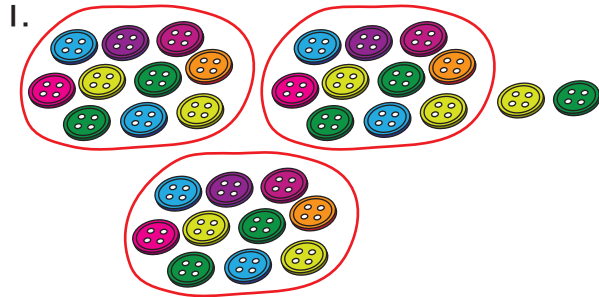
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Number of Buttons \_\_\_\_\_

**Groups of Buttons (SAB pp. 75–76)**

**Questions 1–10**



- Number of Buttons: 24
- Number of Buttons: 17
- 31–40
- 21–30
- 21–30
- 11–20
- 41–50
- 61–70

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Name \_\_\_\_\_ Date \_\_\_\_\_

- Josh draws 3 groups of five and 2 leftover buttons.



Number of Buttons \_\_\_\_\_

Choose the interval for each quantity.

1–10	11–20	21–30	31–40	41–50	51–60	61–70
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- \_\_\_\_\_
- \_\_\_\_\_
- 2 tens, 4 ones \_\_\_\_\_
- \_\_\_\_\_
- 49 \_\_\_\_\_
- 64 \_\_\_\_\_

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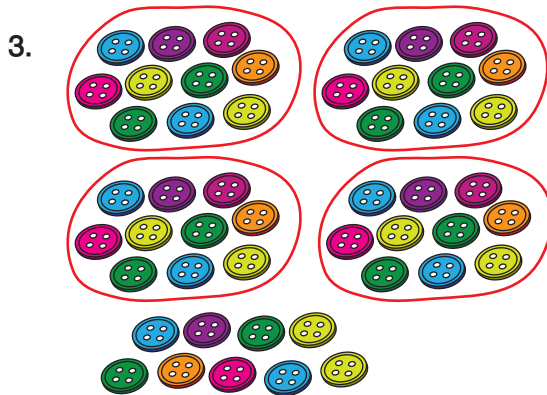
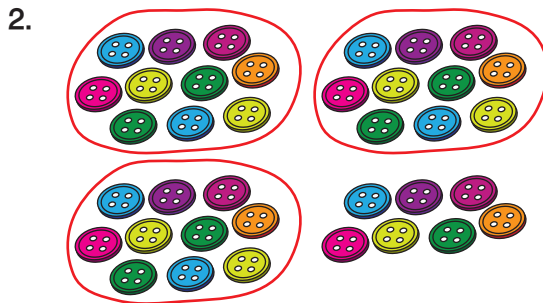
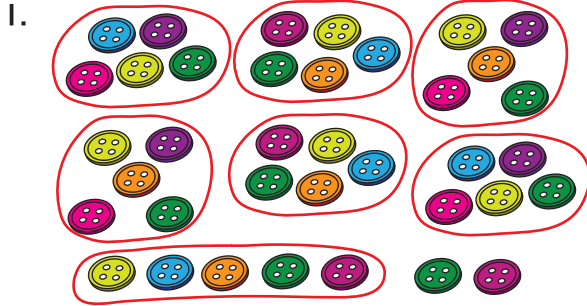
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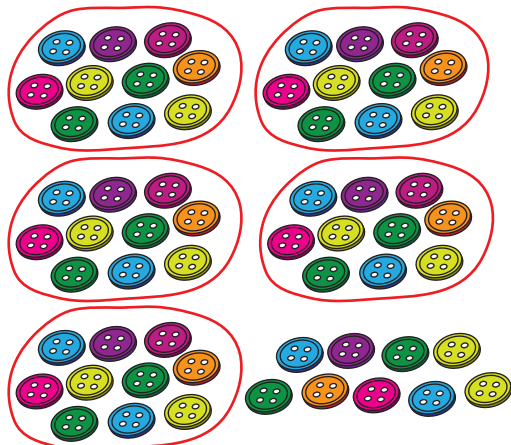
Teacher Guide

Group and Count Buttons (TG pp. 1–2)  
Homework

Questions 1–4



4. 59 buttons



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Name \_\_\_\_\_ Date \_\_\_\_\_

Group and Count Buttons



Dear Family Member:

In second-grade math, we are reviewing counting strategies—primarily skip-counting strategies. Our work builds flexibility in working with larger numbers and develops readiness for learning 2-digit addition and subtraction. When your child has completed the drawings for this page, have him or her show you how to count the buttons by skip counting.

Thank you.

1. Kim grouped her buttons by fives and skip counted. There were 37 buttons. Draw a picture of the buttons to show how Kim grouped them.

2. Liz also had 37 buttons. She grouped them by tens to skip count. Draw a picture of the buttons to show how Liz grouped them.

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Homework Master

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Name \_\_\_\_\_ Date \_\_\_\_\_

3. Levi had 49 buttons. He grouped them by tens to count. Draw a picture of Levi's buttons to show how he grouped them.

4. Frank had 10 more buttons than Levi. He also grouped them by tens to count. How many buttons does Frank have?

\_\_\_\_\_

Draw a picture of Frank's buttons to show how he grouped them.

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