

Student Activity Book


All Sorts of Buttons (SAB pp. 67–68)

*Students might sort by color, shapes, size, materials, or number of holes. See Figure 2 in the lesson.


Name _____ Date _____

All Sorts of Buttons

I estimate there are _____ buttons in my bag.
Show or tell how you chose your estimate.

Discuss 

List as many ways as you can to sort the buttons.




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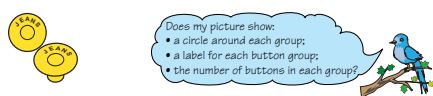
Name _____ Date _____

Sort and Count a Handful of Buttons

Draw 

How I sorted my buttons: _____

Number sentence _____



Does my picture show:

- a circle around each group;
- a label for each button group;
- the number of buttons in each group?

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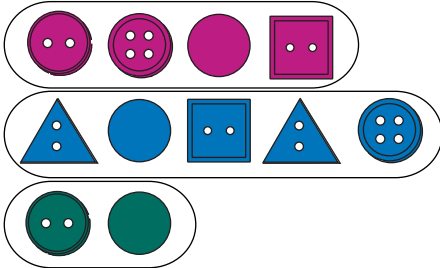
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*Answers and/or discussion are included in the lesson.

How Would You Sort Them (SAB p. 69)

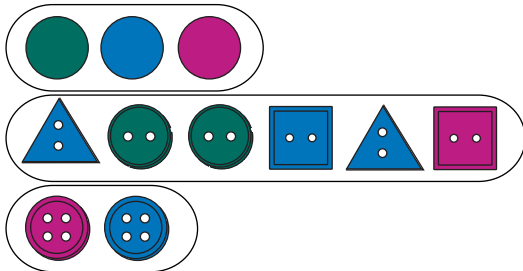
Answers will vary. Answers should include: how they sorted their buttons, how many groups, the name of each group, and how many buttons in each group. The following are examples of three different ways to sort the buttons and the number sentence that matches the sorting:

Example 1:



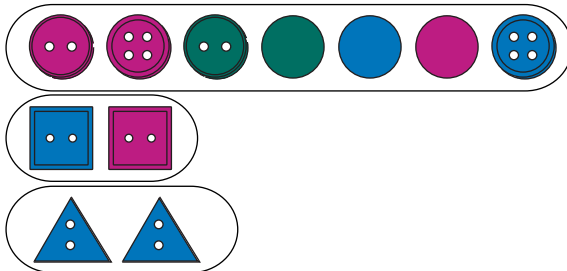
I sorted the buttons by color. There are 3 colors: pink, blue, and green. There are 4 pink buttons, 5 blue buttons, and 2 green buttons. Number sentence: $4 + 5 + 2 = 11$ buttons

Example 2:



I sorted the buttons by number of holes. There are 3 groups: 0 holes, 2 holes, and 4 holes. There are 3 with 0 holes, 6 with 2 holes, and 2 with 4 holes. Number sentence: $3 + 6 + 2 = 11$ buttons

Example 3:



I sorted the buttons by shape. There are 3 shapes: circles, squares, and triangles. There are 7 circles, 2 squares, and 2 triangles. Number sentence: $7 + 2 + 2 = 11$

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Name _____ Date _____

How Would You Sort Them

Sort the following buttons. Draw a picture to show how you sorted.

Does my picture show:

- a circle around each group;
- a label for each button group;
- the number of buttons in each group?

Number sentence _____

Describe how you sorted them.

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Name _____ Date _____

Which One Does Not Belong



Dear Family Member:

In class, we have been identifying, describing, and sorting buttons. These activities lay the foundation for many mathematical concepts that we will be learning in the future. After your child has drawn the eight buttons on this page, ask him or her to explain to you which one does not belong and why.

Thank you.

Michael sorted 8 buttons. He put 7 in one group and one in another group.

Draw eight buttons that could be Michael's buttons. In your drawing, show how seven are the same in some way and one is different.

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Number sentence _____

Michael sorted these buttons by _____.

Homework Master

TG • Grade 2 • Unit 2 • Lesson 1

Teacher Guide

Which One Does Not Belong (TG) Number

Sentence: $7 + 1 = 8$

Answers will vary. Students might sort the buttons by color, shape, number of holes, etc.

Teacher Guide

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