

Name _____ Date _____

Button Place Value

✓ **Check-In: Questions 1-2**

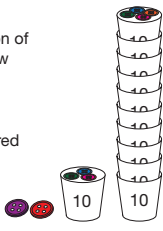
1. John grouped and counted his collection of buttons. Count John's buttons and show the number of buttons in each group.

_____ groups of one hundred

_____ groups of ten

_____ ones left over

Number sentence _____



2. Count the number of buttons in your group's collection. Draw a picture of and record how many hundreds, tens, and leftover ones your group counted.

_____ groups of one hundred

_____ groups of ten

_____ ones left over

Number sentence _____

Copyright © Kendall Hunt Publishing Company

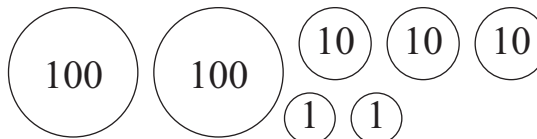
Button Place ValueSAB • Grade 2 • Unit 2 • Lesson 487

Student Activity Book

Button Place Value (SAB pp. 87–88)

Questions 1–3

- 1.* 1 group of hundred, 1 group of ten, and 2 ones left over; $100 + 10 + 2 = 112$
- 2.* Responses will vary. Possible response for 232:



2 groups of hundred, 3 groups of ten, and 2 ones left over; $200 + 30 + 2 = 232$

- 3.* Responses will vary. See Figure 2 in the Lesson.

Student Activity Book - Page 87

Name _____ Date _____

Class Collection of Buttons

3. Draw a picture and record how many hundreds, tens, and ones are left over in the class collection of buttons.

_____ groups of one hundred

_____ groups of ten

_____ ones left over

Number sentence _____

Copyright © Kendall Hunt Publishing Company

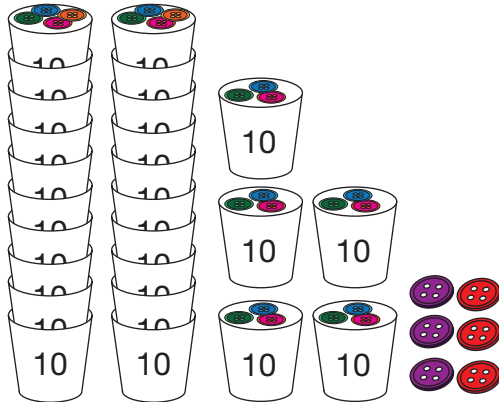
88SAB • Grade 2 • Unit 2 • Lesson 4Button Place Value

Student Activity Book - Page 88

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

Compare Groups of Buttons (SAB pp. 89–90)
Questions 1–4

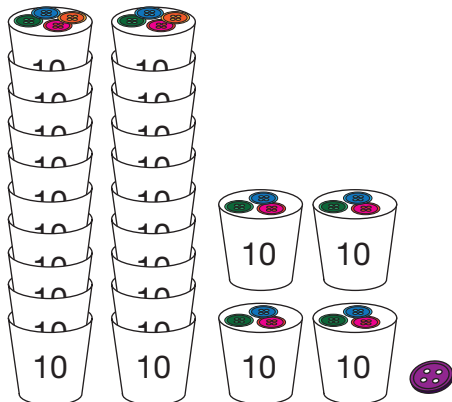
1.



2 groups of hundred
5 groups of ten
6 ones left over

Number sentence: $100 + 100 + 10 + 10 + 10 + 10 + 10 + 6 = 256$; $200 + 50 + 6 = 256$

2.



2 groups of hundred
4 groups of ten
1 one left over

Number sentence: $100 + 100 + 10 + 10 + 10 + 10 + 1 = 241$; $200 + 40 + 1 = 241$

3. $256 > 241$

Name _____ Date _____

Compare Groups of Buttons

Draw a picture. Record the number of hundreds, tens, and leftover ones. Write a number sentence for each group's buttons.

1. Miguel's group counted 256 buttons.

_____ groups of one hundred

_____ groups of ten

_____ ones left over

Number sentence _____

2. Fern's group counted 241 buttons.

_____ groups of one hundred

_____ groups of ten

_____ ones left over

Number sentence _____

3. Compare the number of buttons in Miguel's group and Fern's group. Use $<$, $>$, or $=$.

256 241

Copyright © Kendall Hunt Publishing Company

Answer Key • Lesson 4: Button Place Value

Name _____ Date _____

4. Compare each quantity. Use $<$, $>$, or $=$.

A. 129 216

B. 281 119

C. 294 124

D. 15 tens 15 ones

E. 23 tens 230

F. 14 tens 140

G. 49 ones 4 tens, 9 ones

H. 263 2 hundreds, 6 tens, 3 ones

I. 3 hundreds, 8 tens, 9 ones 2 hundreds, 5 tens, 4 ones

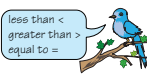
J. 138 $100 + 30 + 8$

K. 138 13 tens, 8 ones

L. 138 1 hundred, 38 tens

M. 138 138 tens

N. Show or tell how you solved Question L.



less than $<$
greater than $>$
equal to $=$

Copyright © Kendall Hunt Publishing Company

90 SAB • Grade 2 • Unit 2 • Lesson 4 Button Place Value

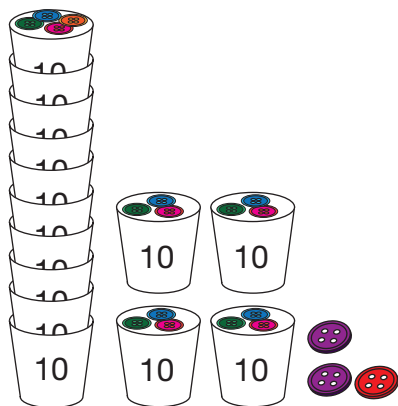
4. A. $129 < 216$
- B. $281 > 119$
- C. $294 > 124$
- D. 15 tens $>$ 15 ones
- E. 23 tens $=$ 230
- F. 14 tens $=$ 140
- G. 49 ones $=$ 4 tens, 9 ones
- H. 263 $=$ 2 hundreds, 6 tens, 3 ones
- I. 3 hundreds, 8 tens, 9 ones $>$ 2 hundreds, 5 tens, 4 ones
- J.* 138 $=$ $100 + 30 + 8$
- K.* 138 $=$ 13 tens, 8 ones
- L.* 138 $<$ 1 hundred, 38 tens
- M. 138 $<$ 138 tens
- N.* Responses will vary. Possible response: I know that 138 is 13 tens not 38 tens and 1 hundred. Since there are fewer groups of ten, 138 is less than 1 hundred, 38 tens.

Student Activity Book - Page 90

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

Groups of Hundreds, Tens, and Ones
(SAB pp. 91–92)
Questions 1–3

1.



1 groups of hundred
 4 groups of ten
 3 ones left over
 Number sentence:
 $100 + 10 + 10 + 10 + 10 + 3 = 143$;
 $100 + 40 + 3 = 143$

2. A. $253 > 243$
 B. $188 < 288$
 C. $109 < 100 + 90$
 D. $148 > 142$
 E. $209 = 2$ hundreds, 0 tens, 9 ones
 F. 15 tens $= 150$

3. 1 hundred, 6 tens, 7 ones

$100 + 60 + 7 = 167$
 $160 + 7 = 167$
 $16 + 7 = 167$
 $50 + 50 + 60 + 7 = 167$

Copyright © Kendall Hunt Publishing Company

Name _____ Date _____

Groups of Hundreds, Tens, and Ones

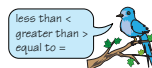
1. Place 143 buttons into groups of hundreds, tens, and leftover ones. Draw a picture. Record the number of buttons in each group and write a number sentence.

_____ groups of one hundred
 _____ groups of ten
 _____ ones left over

Number sentence _____

2. Compare each quantity. Use $<$, $>$, or $=$.

- A. 253 243
 B. 188 288
 C. 109 $100 + 90$
 D. 148 142
 E. 209 2 hundreds, 0 tens, 9 ones
 F. 15 tens 150



Copyright © Kendall Hunt Publishing Company

Student Activity Book - Page 91

Name _____ Date _____

3. Circle the ways that show 167.

1 hundred, 6 tens, 7 ones

$100 + 60 + 7 = 167$
 $160 + 7 = 167$
 $16 + 7 = 167$
 $50 + 50 + 60 + 7 = 167$

Copyright © Kendall Hunt Publishing Company

Groups of Hundreds, Tens, and Ones Feedback Box	Expectation	Check In	Comments
Represent and identify quantities (e.g., greater than 100) using groups of counters, drawings, symbols, number lines, and words.	E1		
Use and apply place value concepts to make connections among representations of numbers.	E2		
Use words and symbols (e.g., $<$, $>$, $=$) to show comparisons of quantities.	E5		

Student Activity Book - Page 92

Name _____ Date _____

Group Objects at Home



Dear Family Member:

In class, your child grabbed a handful of buttons, grouped them into piles of ten, and recorded the number of tens and buttons left over. Give your child a bowl filled with objects such as pennies, popcorn, cereal, or beads to use for the work on this page. Use less than 100 objects.

Thank you.

Take two handfuls from the bowl. Group the objects into piles of ten. Draw a picture of your groups. Record your answers and write a number sentence.

_____ groups of ten

_____ ones left over

Number sentence _____

Ask a family member to take two handfuls. Group the objects. Draw a picture and record your answers.

_____ groups of ten

_____ ones left over

Number sentence _____

Use greater than (>) or less than (<) to compare your handfuls with your family member's handfuls.

_____ my handfuls ○ _____ family member's handfuls

Copyright © Kendall Hunt Publishing Company

Homework Master

TG • Grade 2 • Unit 2 • Lesson 4

Teacher Guide

Group Objects at Home (TG)

Responses will vary.

Teacher Guide

Copyright © Kendall Hunt Publishing Company