

Student Activity Book

***Ways to Make a Thousand (SAB p. 709)**

Number Sentences:

Responses will vary.

Possible responses include:

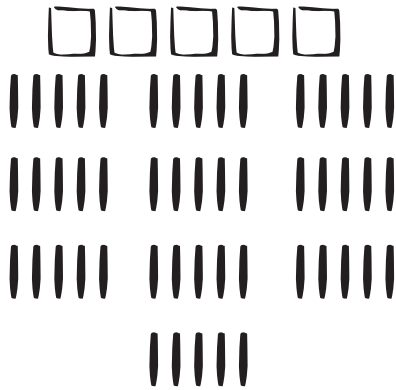
$$999 + 1 = 1000$$

$$200 + 800 = 1000$$

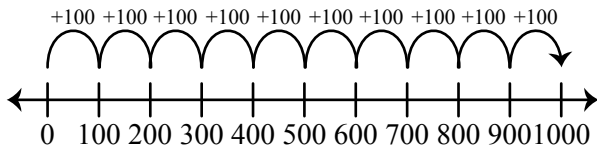
$$5 \text{ groups of } 200 = 1000$$

$$300 + 300 + 300 + 100 = 1000$$

Base-Ten Pieces:



Number Line:



Name _____ Date _____

Ways to Make a Thousand

Discuss with your partner different ways to make a thousand. Use words, numbers, base-ten shorthand, or hops on a number line to show 1000. For example, $500 + 500 = 1000$ or 1000 groups of 1 is 1000.

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Name _____ Date _____

Larger Hops

Model each number with base-ten pieces using the Fewest Pieces Rule. Then show each number using base-ten shorthand (1000 [] , 100 [] , 10 [] , 1 []), expanded form, and hops on the number line.

Number	Base-Ten Shorthand	Expanded Form
716	[] [] [] [] : ... [] [] []	700 + 10 + 6 = 716
1058	[] : ...	1000 + 50 + 8 = 1058

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Name _____ Date _____

Model each number on the number line. Write a number sentence that shows how the base-ten hopper moved on the number line.

C. A base-ten hopper made five hops of 100, six hops of 10, and eight hops of 1. What number did it land on? _____

Number sentence _____

D. A base-ten hopper made eight hops of 100, two hops of 10, and four hops of 1. What number did it land on? _____

Number sentence _____

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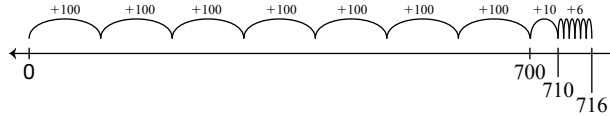
*Answers and/or discussion are included in the lesson.

Larger Hops (SAB pp. 711–712)

Question A–D

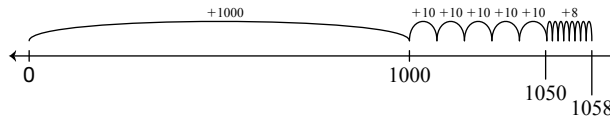
A.

Number	Base-ten Shorthand	Expanded Form
716	[] [] [] [] : ... [] [] []	700 + 10 + 6 = 716

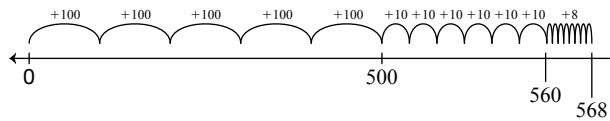


B.

Number	Base-ten Shorthand	Expanded Form
1058	[] : ...	1000 + 50 + 8 = 1058

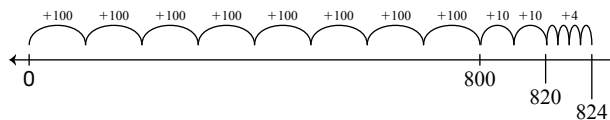


C. * 568; Number sentence may vary. Possible responses are shown below.



$$100 + 100 + 100 + 100 + 100 + 10 + 10 + 10 + 10 + 10 + 10 + 8 = 568$$

D. 824; Number sentence may vary. Possible responses are shown below.



$$800 + 20 + 4 = 824$$

Compare and Order Numbers
(SAB pp. 713–714)

Question 1–3

1. A.

Number	Base-Ten Shorthand
845	
420	

845 > 420 or 420 < 845

B.

Number	Base-Ten Shorthand
1134	
907	

1134 > 970 or 970 < 1134

C.

Number	Base-Ten Shorthand
1025	
1087	

1025 < 1087 or 1087 > 1025

2. A. 426, 439, 882
 B. 317, 820, 934
 C. 1048, 1086, 1217
 D. 921, 974, 986
 E. 1024, 1038, 1099
3. A. <
 B. >
 C. =
 D. =
 E. >

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Name _____ Date _____

Compare and Order Numbers

1. Show each number using base-ten shorthand (1000 [□], 100 [□], 10 [|], 1 [•]). Write a number sentence to compare the numbers. Use <, >, or =.

Example:

Number	Base-Ten Shorthand
1234	
628	

Number sentence 1234 > 628

A.

Number	Base-Ten Shorthand
845	
420	

Number sentence _____

B.

Number	Base-Ten Shorthand
1134	
907	

Number sentence _____

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Name _____ Date _____

C.

Number	Base-Ten Shorthand
1025	
1087	

Number sentence _____

2. Place the numbers in order from smallest to largest.

A. 439, 426, 882 _____

B. 820, 934, 317 _____

C. 1217, 1048, 1086 _____

D. 986, 974, 921 _____

E. 1038, 1099, 1024 _____

3. Write <, >, or = in the circle to make each statement true.

A. 1094 ○ 1121

B. 8 hundreds, 3 tens, 2 ones ○ 814

C. 1000 + 100 + 40 + 3 ○ 1000 + 100 + 30 + 13

D. 1 thousand, 1 hundred, 14 tens, 6 ones ○ 1246

E. 1062 ○ 100 + 60 + 2

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Name _____ Date _____

Numbers Through One Thousand

1. Model each number with base-ten pieces using the Fewest Pieces Rule and write a number sentence using expanded form.

Number	Base-Ten Shorthand	Expanded Form
A. 723		
B. 840		
C. 536		

2. Write $<$, $>$, or $=$ in the circle make each statement true.

A. 968 949

B. $1000 + 200 + 30 + 2$ 1232


C. 8 hundreds, 12 tens, 9 ones 929

D. 1001 1032

E. $900 + 80 + 8$ 908

F. Show or tell how you solved Question 2C.

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






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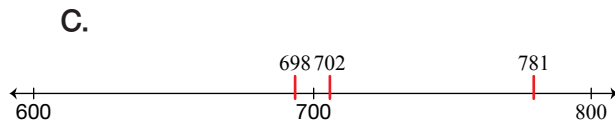
**Numbers Through One Thousand
 (SAB pp. 715–716)
 Question 1–3**

I.

Number	Base-Ten Shorthand	Expanded Form
A. 723		$700 + 20 + 3 = 723$
B. 840		$800 + 40 = 840$
C. 536		$500 + 30 + 6 = 536$

2. A. $>$
 B. $=$
 C. $=$
 D. $<$
 E. $>$
 F. Responses will vary. Possible response:
 Using the Fewest Pieces Rule, I traded 10 tens for a hundred and I had 9 hundreds, 2 tens, and 9 ones or 929. Both sides were equal.

3. A. Classroom 101
 B. $700 + 80 + 1 = 781$
 $600 + 90 + 8 = 698$
 $700 + 2 = 702$



- D. 702 is closer to 698. Possible response: I know because 698 is close to 700 on the number line and 702 is also close to 700. 781 is closer to 800.

Name _____ Date _____

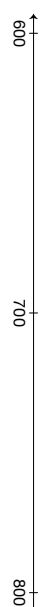
3. The three second-grade classes at Bessie Coleman School had a contest to see which class could walk the most laps around the school in a week.

Classroom	Number of Laps	Expanded Form
101	781	
102	698	
103	702	

A. Which class walked the most laps? _____

B. Write the expanded form for each number of laps in the table.

C. Place the numbers on the number line.



D. Is 702 closer to 698 or 781? _____ Show or tell how you know.

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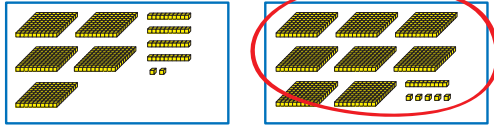
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Teacher Guide

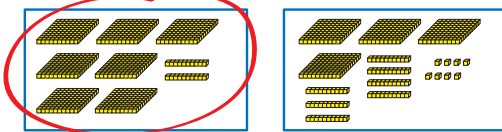
Which is Greater (TG pp. 1–2)
Homework
Questions 1–2

1. A.



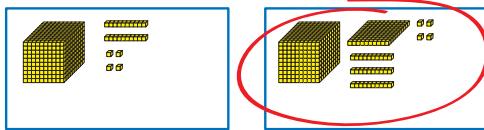
$542 < 815$ or $815 > 542$

B.



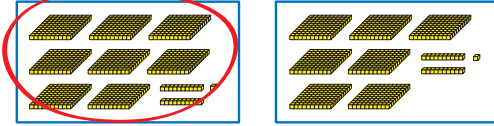
$720 > 478$ or $478 < 720$

C.



$1024 < 1134$ or $1134 > 1024$

D.



$821 > 721$ or $721 < 821$

2. A. > B. >
C. < D. >
E. > F. <

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Name _____ Date _____

Which is Greater



Dear Family Member:

The numbers in each box are represented with base-ten pieces. The pack represents 1000, the flat represents 100, the skinny represents 10, and the bit represents 1. We use the base-ten shorthand system to simplify the recording of base-ten pieces. The symbol \square represents 1000, the symbol \square represents 100, the symbol $|$ represents 10, and the symbol \bullet represents 1. Thank you.

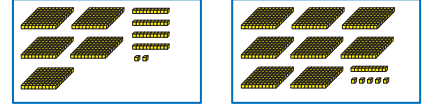
1. Circle the box that shows the greater number. Write a number sentence using $<$ or $>$ to compare the numbers.

Example



Number sentence $375 > 309$

A.



Number sentence _____



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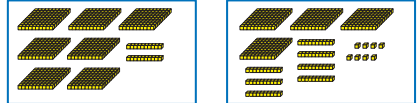
Homework Master

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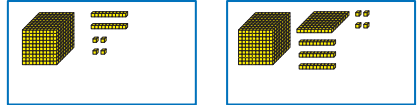
Name _____ Date _____

B.



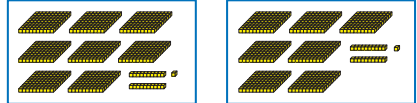
Number sentence _____

C.



Number sentence _____

D.



Number sentence _____

2. Compare the numbers below. Write $<$ or $>$ in the circle.

- A. 699 \bigcirc 624 B. 1000 \bigcirc 749
C. 456 \bigcirc 480 D. 1029 \bigcirc 901
E. 1077 \bigcirc 1034 F. 1008 \bigcirc 1097

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