

4.NBT.A.2 Compare and Order Whole Numbers

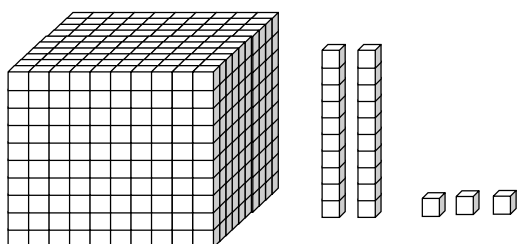
4.NBT.A.2: Compare two multi-digit numbers based on meanings of the digits in each place

1. Compare the given numbers below and write $<$, $>$, or $=$ for each .

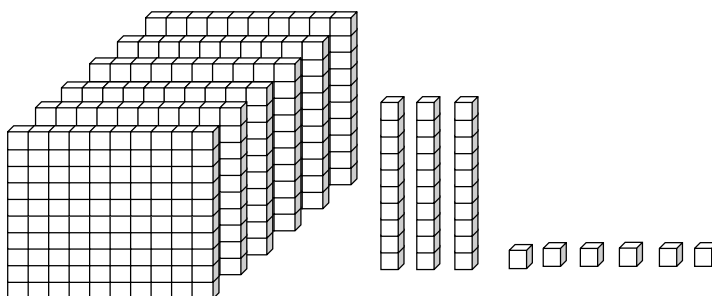
- | | | |
|----------------|----------------------|-------------|
| a. 2,376 | <input type="text"/> | 3,199 |
| b. 162,905 | <input type="text"/> | 162,095 |
| c. 397,265 | <input type="text"/> | 397,265 |
| d. 4,238,519 | <input type="text"/> | 4,038,951 |
| e. 541,653 | <input type="text"/> | 561,000 |
| f. 672,198,340 | <input type="text"/> | 726,918,340 |
| g. 11,987 | <input type="text"/> | 9,871 |

2. Identify “Number A” and Number B” modeled by base-ten blocks below. What are the numbers shown and which is the lesser number?

Number A:



Number B:



Solution:

3. Data in the table displays the five largest states in USA by population in the year 2019. Use this data and answer the following questions.
- Which state has the smallest population?
 - Which state has the largest population?
 - How bigger is Texas than New York?
 - Order the states from smallest to largest population.

Largest States in USA by Population in the year 2019	
State	Population
Texas	28,995,881
Florida	21,477,737
California	39,512,223
New York	19,453,561
Washington	7,614,893

Solution:

-
-
-
-

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4.NBT.A.2: Compare two multi-digit numbers based on meanings of the digits in each place

4. Fill in the missing digits to make the statements TRUE.

- a. $2,993 = 2, _ 93$
- b. $3,059,375 > _, 159,375$
- c. $181,496 < 150, _ 32$
- d. $2,350 = 2, _ 00 + 300 + 50$
- e. $13,22 _ < 13, _ 19$

Solution:

- a.
- b.
- c.
- d.
- e.

5. A number is 100 less than 20,335 and another number is 1,000 more than 19,225. Find both the numbers. Which number is smaller?

Solution:

6. Write the following numbers from greatest to least.

- a. 2,227; 2,077; 2,302, 727
- b. 364,571; 89,428; 909,577; 86,123
- c. 86,220; 182,620; 86,022; 186,022
- d. 715,116; 715,661; 75,916; 715,616
- e. 100,110; 100,011; 110,001; 90,101

Solution:

- a.
- b.
- c.
- d.
- e.

7. Mandy, Hazel, Bob and Tim collected stamps during the summer months of May, June, July, and August. The data below shows the number of stamps they collected.

	May	June	July	Aug
Mandy	100	120	85	99
Hazel	205	105	215	190
Bob	190	201	132	110
Tim	130	135	142	145

Who always collected more stamps than what was collected in the previous month?

Solution:

4.NBT.A.2 Compare and Order Whole Numbers

Answer Key

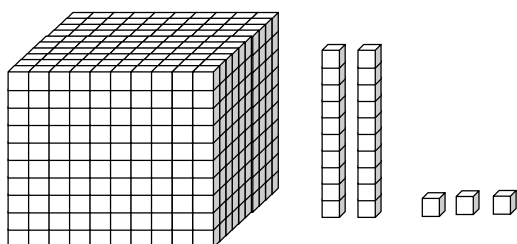
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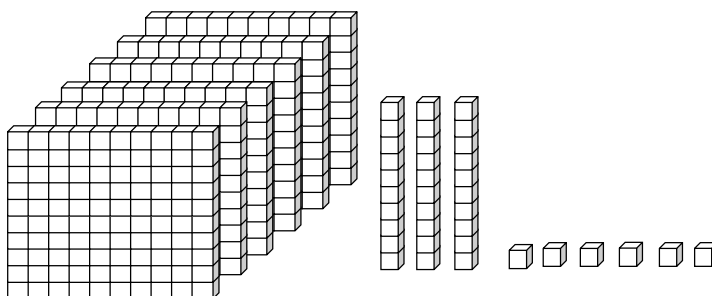
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2. Identify “Number A” and Number B” modeled by base-ten blocks below. What are the numbers shown and which is the lesser number?

Number A:



Number B:



Solution:

A = 1,023;

B = 636

B is the lesser number

3. Data in the table displays the five largest states in USA by population in the year 2019. Use this data and answer the following questions.

- Which state has the smallest population?
- Which state has the largest population?
- How bigger is Texas than New York?
- Order the states from smallest to largest population.

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State	Population
Texas	28,995,881
Florida	21,477,737
California	39,512,223
New York	19,453,561
Washington	7,614,893

Solution:

a. Washington

d. Washington < New York < Florida < Texas < California

b. California

c. 9,542,320

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Answer Key

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4. Fill in the missing digits to make the statements TRUE.

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- b. $3,059,375 > _, 159,375$
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- d. $2,350 = 2, _ 00 + 300 + 50$
- e. $13,22 _ < 13, _ 19$

Solution:

- a. **9**
- b. **2 or 1 or 0**
- c. **Any numbers from 0 to 9**
- d. **0**
- e. **One possible combination is 1, 2 (Note: There are more possible combinations)**

5. A number is 100 less than 20,335 and another number is 1,000 more than 19,225. Find both the numbers. Which number is smaller?

Solution:

1st number: 20,235

2nd number: 20,225- smaller number

6. Write the following numbers from greatest to least.

- a. 2,227; 2,077; 2,302, 727
- b. 364,571; 89,428; 909,577; 86,123
- c. 86,220; 182,620; 86,022; 186,022
- d. 715,116; 715,661; 75,916; 715,616
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Solution:

- a. **$2,302 > 2,227 > 2,077 > 727$**
- b. **$909,577 > 364,571 > 89,428 > 86,123$**
- c. **$186,022 > 182,620 > 86,220 > 86,022$**
- d. **$715,661 > 715,616 > 715,116 > 75,916$**
- e. **$110,001 > 100,110 > 100,011 > 90,101$**

7. Mandy, Hazel, Bob and Tim collected stamps during the summer months of May, June, July, and August. The data below shows the number of stamps they collected.

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Solution:

Tim