
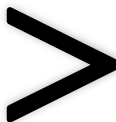



To **compare numbers** means to determine whether a number is **less than**, **greater than**, or **equal to** another number.

 less than	$253,987 < 321,456$ <p>253,987 has less hundred thousands than 321,456.</p>
 greater than	$261,430 > 252,605$ <p>261,430 has more ten thousands than 252,605.</p>
 equal to	$252,385 = 252,385$ <p>252,385 has all the same digits as 252,385.</p>

CFU

Why is the number 367,325 less than the number 461,589?

- A It has less thousands.
- B It has less ten thousands.
- C It has less hundred thousands.

Why is the number 725,582 greater than the number 721,799?

- A It has more thousands.
- B It has more ten thousands.
- C It has more hundred thousands.

Explain why the number 634,645 is equal to the number 634,645.

In your own words, what does it mean to compare numbers?

To compare numbers _____.

1. Compare each digit in the numbers, starting at the highest place value.
2. If digits are different, identify the smaller digit. (underline)
3. If digits are the same, continue to the next lower place value.
4. Write the correct symbol.
5. Interpret your answer.

1.

$$251,571 \bigcirc 123,128$$

because _____.

2.

$$235,841 \bigcirc 481,723$$

because _____.

3.

$$179,982 \bigcirc 163,157$$

because _____.

4.

$$237,571 \bigcirc 227,897$$

because _____.

5.

$$375,432 \bigcirc 376,387$$

because _____.

6.

$$168,405 \bigcirc 162,854$$

because _____.

1. Compare each digit in the numbers, starting at the highest place value.
2. If digits are different, identify the smaller digit. (underline)
3. If digits are the same, continue to the next lower place value.
4. Write the correct symbol.
5. Interpret your answer.

7.

$$242,987 \bigcirc 242,987$$

because _____.

8.

$$725,485 \bigcirc 725,485$$

because _____.

9.

$$126,587 \bigcirc 126,577$$

because _____.

10.

$$373,830 \bigcirc 573,830$$

because _____.

11.

$$774,948 \bigcirc 83,897$$

because _____.

12.

$$95,031 \bigcirc 393,031$$

because _____.

13. Tomas has 257,348 baseball cards in his collection. Stanislav has 283,195 football cards. Who has more cards? Explain your answer.
14. Libby has 875,790 readers on her blog. Danniek has 335,493 readers on her blog. Who has more readers? Explain your answer.

Skill Closure

1. Compare each digit in the numbers, starting at the highest place value.
2. If digits are different, identify the smaller digit. (underline)
3. If digits are the same, continue to the next lower place value.
4. Write the correct symbol.
5. Interpret your answer.

1. $693,116 \bigcirc 594,116$

because _____.

2. $235,065 \bigcirc 254,626$

because _____.

Concept Closure

Justin thinks that 744,593 is less than 154,045 because the digit 3 is less than the digit 5. Explain the mistake he made.

Closure

What did you learn today about comparing multi-digit numbers using symbols? (Pair-Share) Use words from the word bank.

1. Compare each digit in the numbers, starting at the highest place value.
2. If digits are different, identify the smaller digit. (underline)
3. If digits are the same, continue to the next lower place value.
4. Write the correct symbol.
5. Interpret your answer.

1.

$$957,845 \bigcirc 927,128$$

because _____.

2.

$$466,756 \bigcirc 529,810$$

because _____.

3.

$$635,035 \bigcirc 630,535$$

because _____.

4.

$$210,130 \bigcirc 295,143$$

because _____.

5.

$$371,474 \bigcirc 371,474$$

because _____.

6.

$$796,352 \bigcirc 537,114$$

because _____.

7.

$$486,862 \bigcirc 473,375$$

because _____.

8.

$$36,739 \bigcirc 125,142$$

because _____.

1. $659,292 \bigcirc 268,533$

because _____.

2. $790,011 \bigcirc 790,511$

because _____.

The University of Alabama's main auditorium has 125,362 chairs. Their arena can seat 96,835 people. If the school moves 32,659 chairs from the auditorium into the arena, which will seat more people?

Sibyl's laptop currently has 505,882 MB of data stored. Her external hard drive has 464,310 MB of data stored. If Sibyl deletes 39,254 MB of data from her laptop, which device will have more data stored on it?

1. $721,501 \bigcirc 721,500$

because _____.

2. $220,642 \bigcirc 230,418$

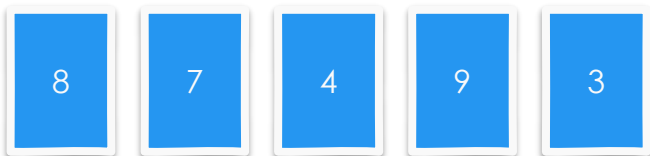
because _____.

1. Rearrange the digits in the number 126,876 to create a larger number.
2. Rearrange the digits in the number 354,514 to create a larger number.
3. Rearrange the digits in the number 730,485 to create a smaller number.
4. Rearrange the digits in the number 846,040 to create a smaller number.

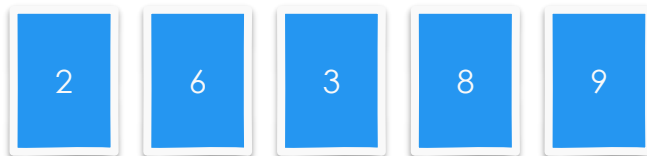
1. $316,925 \bigcirc 361,925$
 because _____.

2. $108,562 \bigcirc 107,662$
 because _____.

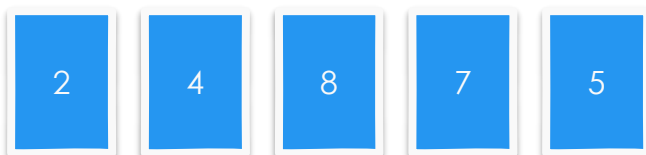
Demetria, Brandy, and Jack are playing a card game. The goal is to get the highest score by making the largest number possible out of five cards. Determine each person's score, then answer the questions that follow.



Demetria's Score: _____



Brandy's Score: _____



Jack's Score: _____

1. Who scored more points? Brandy or Jack? Explain your answer.
2. Who scored more points? Demetria or Jack? Explain your answer.
3. Who scored more points? Demetria or Brandy? Explain your answer.