

Number Power Compare

Use place value to compare big whole numbers.

GRADE 4 • TEKS 4.2.C

4.2.C "compare and order whole numbers to 1,000,000,000 and represent comparisons using the symbols $>$, $<$, or $=$;"

NAME _____

DATE _____

COMPARE BY PLACE VALUE

Line up the digits by place value and compare from the left. The first place where the digits are different tells which number is greater. Use $>$ for greater than, $<$ for less than, and $=$ for equal to.

WORKED EXAMPLE

Compare: 572,406,190 ____
572,406,109

1. Both numbers have 572 million.
2. Compare the last three digits: $190 > 109$.
3. The first number is greater.

Answer: $572,406,190 > 572,406,109$

PRACTICE 6 problems

1 408,071,250 ____ 408,071,205

ANSWER _____

2 76,450,000 ____ 76,540,000

ANSWER _____

3 900,000,001 ____ 899,999,999

ANSWER _____

4 1,000,000,000 ____ 1,000,000,000

ANSWER _____

5 235,600,800 ____ 235,600,080

ANSWER _____

6 620,040,000 ____ 620,400,000

ANSWER _____

APPLY IT Show your work

- 1** Two animal rescue videos got views online. Video A got 348,205,700 views. Video B got 348,025,700 views. Write a comparison statement using $>$, $<$, or $=$.

WORK SPACE

ANSWER _____

- 2** A reading app counted 125,900,450 pages read in May. In June, it counted 125,900,405 pages read. Write a comparison statement using $>$, $<$, or $=$.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Order these numbers from least to greatest: 701,090,009; 701,009,900; 701,900,009; 701,090,090.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	408,071,250 __ 408,071,205	408,071,250 > 408,071,205
2	76,450,000 __ 76,540,000	76,450,000 < 76,540,000
3	900,000,001 __ 899,999,999	900,000,001 > 899,999,999
4	1,000,000,000 __ 1,000,000,000	1,000,000,000 = 1,000,000,000
5	235,600,800 __ 235,600,080	235,600,800 > 235,600,080
6	620,040,000 __ 620,400,000	620,040,000 < 620,400,000

PART 2 • APPLY IT

1. **348,205,700 > 348,025,700** Both numbers have 348 million. Compare the thousands: 205 thousand is greater than 25 thousand.
2. **125,900,450 > 125,900,405** The numbers match through the hundreds place. Compare the tens: 5 tens is greater than 0 tens.

CHALLENGE

701,009,900; 701,090,009; 701,090,090; 701,900,009

Accept comparison statements with the numbers in the same order as printed and the correct symbol. For the challenge, accept the correct least-to-greatest order with commas or one number per line.