

Number Lineup

Compare and order numbers through 9,999.

GRADE 3 • 3.NS.2

3.NS.2 "The student will demonstrate an understanding of the base 10 system to compare and order whole numbers up to 9,999. Compare two whole numbers, each 9,999 or less, using symbols ($>$, $<$, $=$, $\neq$) and/or words (greater than, less than, equal to...)"

NAME _____

DATE _____

COMPARE PLACE VALUES

Compare numbers from the greatest place value first. If the digits are the same, move right until you find different digits. To order numbers, compare them and place them in the requested order.

WORKED EXAMPLE

Compare 7,482 and 7,428.

1. Both numbers have 7 thousands and 4 hundreds.
2. Compare the tens: 8 tens is greater than 2 tens.
3. So 7,482 is greater than 7,428.

Answer: $7,482 > 7,428$

PRACTICE 6 problems

1 Write $>$, $<$, or $=$. 3,506 ____ 3,560

ANSWER _____

2 Write $>$, $<$, or $=$. 8,019 ____ 8,019

ANSWER _____

3 Write $>$, $<$, or $=$. 4,700 ____ 4,699

ANSWER _____

4 Write $=$ or $\neq$. 6 thousands, 2 hundreds, 5 tens, 1 one ____ 6,251

ANSWER _____

5 Order from least to greatest: 2,908, 2,890, 2,980

ANSWER _____

6 Order from greatest to least: 5 thousands 1 hundred 8 tens 4 ones; 5 thousands 1 hundred 4 tens 8 ones; 5 thousands 8 hundreds 1 ten 4 ones

ANSWER _____

APPLY IT Show your work

- 1** At an arcade, Jalen earned 4,308 tickets. Nia earned 4,380 tickets. Who earned more tickets? Write a comparison using a symbol.

WORK SPACE

ANSWER _____

- 2** In a video game, Leo scored 1,908 points, Sam scored 1,890 points, and Priya scored 1,980 points. Order the scores from greatest to least.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A number has 7 thousands, 0 hundreds, 9 tens, and 5 ones. Is the number greater than or less than 7,100? Write the comparison and explain how you know.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Write $>$, $<$, or $=$. 3,506 ____ 3,560	3,506 < 3,560
2	Write $>$, $<$, or $=$. 8,019 ____ 8,019	8,019 = 8,019
3	Write $>$, $<$, or $=$. 4,700 ____ 4,699	4,700 > 4,699
4	Write $=$ or $\neq$. 6 thousands, 2 hundreds, 5 tens, 1 one ____ 6,251	=
5	Order from least to greatest: 2,908, 2,890, 2,980	2,890, 2,908, 2,980
6	Order from greatest to least: 5 thousands 1 hundred 8 tens 4 ones; 5 thousands 1 hundred 4 tens 8 ones; 5 thousands 8 hundreds 1 ten 4 ones	5,814, 5,184, 5,148

PART 2 • APPLY IT

1. **Nia earned more tickets. 4,380 > 4,308.** Both numbers have 4 thousands and 3 hundreds. Compare the tens: 8 tens is greater than 0 tens.
2. **1,980, 1,908, 1,890** All three scores have 1 thousand. Compare the hundreds, then the tens, to place the scores from greatest to least.

CHALLENGE

7,095 < 7,100 because both numbers have 7 thousands, and 0 hundreds is less than 1 hundred.

Accept comparison words in place of symbols when they show the same relationship. For ordering items, accept numbers written with or without commas if the order is correct.