LESSON MAKER PRO

Place Value Race

Put numbers in the right order.

GRADE 3 · 3.NS.2.b

3.NS.2.b "Order up to three whole numbers, each 9,999 or less, represented with and without models, from least to greatest and greatest to least."

NAME _____ DATE _____

COMPARE PLACE VALUES

Compare the thousands first. If they match, compare the hundreds, then tens, then ones.

WORKED EXAMPLE

Order 2,405, 2,450, and 2,045 from least to greatest.

1. All three numbers have 2 thousands.
2. Compare hundreds: 0 hundreds is least. Then compare 0 tens and 5 tens.
3. Order: 2,045, 2,405, 2,450.

Answer: 2,045, 2,405, 2,450

PRACTICE 5 problems

1 Order 718, 701, and 781 from least to greatest.

ANSWER _____

2 Order 3,090, 3,900, and 3,009 from greatest to least.

ANSWER _____

3 Order from least to greatest: 5 thousands 2 hundreds 6 tens 1 one; 5,219; 5 thousands 3 hundreds 0 tens 0 ones.

ANSWER _____

4 Order 8,004, 7,999, and 8,040 from greatest to least.

ANSWER _____

5 Order 9,009, 9,090, and 9,900 from least to greatest.

ANSWER _____

APPLY IT Show your work

1 Mia's reading club collected 2,310 stickers on Monday, 2,130 on Tuesday, and 2,301 on Wednesday. List the totals from least to greatest.

WORK SPACE

ANSWER _____

2 At a school fair, three games earned 4,807 tickets, 4,870 tickets, and 4,078 tickets. List the totals from greatest to least.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Number A has 6 thousands, 0 hundreds, 8 tens, and 5 ones. Number B is 5,999. Number C is 6,085. Order the numbers from least to greatest. Explain why two numbers have the same value.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Race

GRADE 3 · 3.NS.2.b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Order 718, 701, and 781 from least to greatest.	**701, 718, 781**
2	Order 3,090, 3,900, and 3,009 from greatest to least.	**3,900, 3,090, 3,009**
3	Order from least to greatest: 5 thousands 2 hundreds 6 tens 1 one; 5,219; 5 thousands 3 hundreds 0 tens 0 ones.	**5,219, 5,261, 5,300**
4	Order 8,004, 7,999, and 8,040 from greatest to least.	**8,040, 8,004, 7,999**
5	Order 9,009, 9,090, and 9,900 from least to greatest.	**9,009, 9,090, 9,900**

PART 2 · APPLY IT

1. **2,130, 2,301, 2,310** Compare the thousands, then the hundreds. The numbers order as 2,130, 2,301, and 2,310.
2. **4,870, 4,807, 4,078** All totals have 4 thousands. Compare the hundreds, then the tens to order them.

CHALLENGE

5,999, 6,085, 6,085. Number A is 6,085 because it has 6 thousands, 0 hundreds, 8 tens, and 5 ones.

Accept correctly ordered numbers with or without commas. For the challenge, accept an explanation that Number A and Number C both equal 6,085.