LESSON MAKER PRO

Place Value Showdown

Compare numbers up to 10,000 with place value.

GRADE 3 · 3.NR.1.2

3.NR.1.2 "Use place value reasoning to compare multi-digit numbers up to 10,000, using >, =, and < symbols to record the results of comparisons."

NAME _____ DATE _____

COMPARE FROM LEFT TO RIGHT

Compare the digits from the greatest place value to the least place value. If the digits in one place are the same, move right until you find digits that are different.

WORKED EXAMPLE

Compare 7,204 and 7,240. Write <, >, or =.

1. Both numbers have 7 thousands and 2 hundreds.
2. Compare the tens digits: 0 tens and 4 tens.
3. 0 tens is less than 4 tens.
4. Write the symbol <.

Answer: 7,204 < 7,240

PRACTICE 6 problems

1 Compare 3,456 and 3,465. Write <, >, or =.

ANSWER _____

2 Compare 9,001 and 8,999. Write <, >, or =.

ANSWER _____

3 Compare 5,670 and 5,670. Write <, >, or =.

ANSWER _____

4 Compare 2,089 and 2,098. Write <, >, or =.

ANSWER _____

5 Compare 7,430 and 7,403. Write <, >, or =.

ANSWER _____

6 Compare 1,250 and 1,205. Write <, >, or =.

ANSWER _____

APPLY IT Show your work

1 The school library has 4,208 mystery books and 4,280 adventure books. Compare the numbers of books. Write a comparison using <, >, or =.

WORK SPACE

ANSWER _____

2 Maya earned 9,999 points in a game. Her brother earned 10,000 points. Compare their scores. Write a comparison using <, >, or =.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Compare 6,709 and 6,790. Write a comparison using <, >, or =. Then explain which place value helped you decide.

WORK SPACE AND ANSWER

ANSWER KEY

Place Value Showdown

GRADE 3 · 3.NR.1.2

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Compare 3,456 and 3,465. Write <, >, or =.	**3,456 < 3,465**
2	Compare 9,001 and 8,999. Write <, >, or =.	**9,001 > 8,999**
3	Compare 5,670 and 5,670. Write <, >, or =.	**5,670 = 5,670**
4	Compare 2,089 and 2,098. Write <, >, or =.	**2,089 < 2,098**
5	Compare 7,430 and 7,403. Write <, >, or =.	**7,430 > 7,403**
6	Compare 1,250 and 1,205. Write <, >, or =.	**1,250 > 1,205**

PART 2 · APPLY IT

1. **4,208 < 4,280** Both numbers have 4 thousands and 2 hundreds. Compare the tens digits, 0 tens is less than 8 tens.
2. **9,999 < 10,000** 10,000 has 10 thousands, while 9,999 has 9 thousands. The number with more thousands is greater.

CHALLENGE

6,709 < 6,790. Both numbers have 6 thousands and 7 hundreds. In the tens place, 0 tens is less than 9 tens.

Accept the correct comparison symbol or a full comparison statement with the numbers in the stated order. For the challenge, accept any accurate place value explanation that compares the tens digits.