LESSON MAKER PRO

Close Call Comparisons

Compare whole numbers, even when the digits look alike.

GRADE 4 · 4.NOS.D.10.b

4.NOS.D.10.b "Record comparisons with symbols >, =, <."

NAME _____ DATE _____

COMPARE FROM THE LEFT

First, check which number has more digits. If they have the same number of digits, compare from left to right until you find a place where the digits differ. Use > for greater than, < for less than, or = for equal.

WORKED EXAMPLE

Write >, =, or < in the blank: 57,402 ____ 57,420

1. Both numbers have five digits.
2. The ten-thousands, thousands, and hundreds digits match.
3. In the tens place, 0 is less than 2.

Answer: 57,402 < 57,420

PRACTICE 6 problems

1 Write >, =, or < in the blank: 6,451 ___ 6,415

ANSWER _____

2 Write >, =, or < in the blank: 83,209 ___ 83,290

ANSWER _____

3 Write >, =, or < in the blank: 407,600 ___ 407,600

ANSWER _____

4 Write >, =, or < in the blank: 912,034 ___ 912,043

ANSWER _____

5 Write >, =, or < in the blank: 105,080 ___ 105,008

ANSWER _____

6 Write >, =, or < in the blank: 760,000 ___ 759,999

ANSWER _____

APPLY IT Show your work

1 In a game, Team Fox earned 48,760 points and Team Owl earned 48,670 points. Write a comparison using >, =, or < with Team Fox's score first.

WORK SPACE

ANSWER _____

2 In a reading app challenge, Maya's class earned 12,405 points and Leo's class earned 12,405 points. Write a comparison using >, =, or < with Maya's class first.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Fill in the blank in 4___,735 < 48,735. The blank stands for one digit. List every digit that works, and explain how you know.

WORK SPACE AND ANSWER

ANSWER KEY

Close Call Comparisons

GRADE 4 · 4.NOS.D.10.b

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Write >, =, or < in the blank: 6,451 ___ 6,415	**>**
2	Write >, =, or < in the blank: 83,209 ___ 83,290	**<**
3	Write >, =, or < in the blank: 407,600 ___ 407,600	**=**
4	Write >, =, or < in the blank: 912,034 ___ 912,043	**<**
5	Write >, =, or < in the blank: 105,080 ___ 105,008	**>**
6	Write >, =, or < in the blank: 760,000 ___ 759,999	**>**

PART 2 · APPLY IT

1. **48,760 > 48,670** The ten-thousands and thousands digits match. In the hundreds place, 7 is greater than 6.
2. **12,405 = 12,405** Every digit matches, so the scores are equal.

CHALLENGE

0, 1, 2, 3, 4, 5, 6, 7. The ten-thousands digits match, so the digit in the thousands place must be less than 8. A digit of 8 would make the numbers equal.

For the challenge, accept the digits in any order. The explanation should compare the thousands digits.