LESSON MAKER PRO

# Number Compare Quest

*Look at hundreds, tens, and ones to compare numbers.*

**GRADE 2 · 2.NBT.A.4**

**CCSS.Math.Content.2.NBT.A.4** "Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using >, =, and < symbols to record the results of comparisons."

NAME _____ DATE _____

## COMPARE PLACE VALUES

First, compare the hundreds digits. If they are the same, compare the tens digits. If the tens are also the same, compare the ones digits.

## WORKED EXAMPLE

Mia has 583 robot stickers. Ben has 576 robot stickers. Write >, <, or =.

1. Compare the hundreds: 5 and 5 are the same.
2. Compare the tens: 8 is greater than 7.
3. 583 is greater than 576.

**Answer: 583 > 576**

## PRACTICE 5 problems

**1** Ava has 324 toy cars. Jay has 341 toy cars. Write >, <, or =.

**ANSWER** _____

**2** Noah has 670 game points. Lee has 670 game points. Write >, <, or =.

**ANSWER** _____

**3** A pet store has 458 fish. Another pet store has 451 fish. Write >, <, or =.

**ANSWER** _____

**4** Sam built 209 blocks. Priya built 290 blocks. Write >, <, or =.

**ANSWER** _____

**5** One class collected 736 cans. Another class collected 763 cans. Write >, <, or =.

**ANSWER** _____

## APPLY IT Show your work

**1** At the arcade, Eli earned 418 tickets. Zoe earned 481 tickets. Write a comparison sentence using >, <, or =.

WORK SPACE

**ANSWER** _____

**2** A library has 905 comic books. A school has 890 comic books. Which place has more comic books? Write a comparison using >, <, or =.

WORK SPACE

**ANSWER** _____

## CHALLENGE One step up

Kai has 652 trading cards. Rosa has 625 trading cards. Write >, <, or =. Then explain how the tens and ones digits help you compare the numbers.

WORK SPACE AND ANSWER

**ANSWER KEY**

# Number Compare Quest

**GRADE 2 · 2.NBT.A.4**

## PART 1 · PRACTICE

| # | PROBLEM | ANSWER |
|---|---|---|
| 1 | Ava has 324 toy cars. Jay has 341 toy cars. Write >, <, or =. | **324 < 341** |
| 2 | Noah has 670 game points. Lee has 670 game points. Write >, <, or =. | **670 = 670** |
| 3 | A pet store has 458 fish. Another pet store has 451 fish. Write >, <, or =. | **458 > 451** |
| 4 | Sam built 209 blocks. Priya built 290 blocks. Write >, <, or =. | **209 < 290** |
| 5 | One class collected 736 cans. Another class collected 763 cans. Write >, <, or =. | **736 < 763** |

## PART 2 · APPLY IT

1. **418 < 481** The hundreds digits are both 4. Compare the tens digits, and 1 is less than 8.
2. **The library has more comic books. 905 > 890** Compare the hundreds digits, and 9 is greater than 8. The library has more.

## CHALLENGE

**652 > 625. The hundreds digits are the same, and 5 tens is greater than 2 tens.**

Accept the correct comparison symbol alone for Part 1. For the challenge, accept an explanation that compares the equal hundreds and correctly identifies 5 tens as greater than 2 tens.