

Number Compare Quest

Use place value to compare three-digit 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

Compare the hundreds first. If the hundreds are the same, compare the tens, then the ones. Use $>$ when the number on the left is greater, $<$ when it is less, and $=$ when both numbers are the same.

WORKED EXAMPLE

Compare 472 toy blocks and 469 toy blocks. Write $>$, $<$, or $=$.

1. Both numbers have 4 hundreds.
2. Compare the tens: 7 tens is more than 6 tens.
3. Write $472 > 469$.

Answer: $472 > 469$

PRACTICE 5 problems

- 1** A toy box has 356 cars. A shelf has 342 cars. Write $>$, $<$, or $=$.

ANSWER _____

- 2** Kai has 218 trading cards. Noor has 281 trading cards. Write $>$, $<$, or $=$.

ANSWER _____

- 3** Ava has 504 beads. Ben has 504 beads. Write $>$, $<$, or $=$.

ANSWER _____

- 4** One pet store has 671 fish. Another pet store has 699 fish. Write $>$, $<$, or $=$.

ANSWER _____

- 5** A game has 723 points. Another game has 812 points. Write $>$, $<$, or $=$.

ANSWER _____

APPLY IT Show your work

- 1** At the book fair, Room 2 sold 430 bookmarks. Room 5 sold 403 bookmarks. Which room sold more? Write a comparison sentence using $>$, $<$, or $=$.

WORK SPACE

ANSWER _____

- 2** Liam counted 275 shells at the beach. Sofia counted 257 shells. Who counted more? Write a comparison sentence using $>$, $<$, or $=$.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Jada compares 685 game points and 658 game points. She says $685 < 658$ because 5 is less than 8. Is Jada correct? Write the correct comparison and explain why.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy box has 356 cars. A shelf has 342 cars. Write $>$, $<$, or $=$.	356 > 342
2	Kai has 218 trading cards. Noor has 281 trading cards. Write $>$, $<$, or $=$.	218 < 281
3	Ava has 504 beads. Ben has 504 beads. Write $>$, $<$, or $=$.	504 = 504
4	One pet store has 671 fish. Another pet store has 699 fish. Write $>$, $<$, or $=$.	671 < 699
5	A game has 723 points. Another game has 812 points. Write $>$, $<$, or $=$.	723 < 812

PART 2 • APPLY IT

1. **Room 2 sold more. 430 > 403.** Both numbers have 4 hundreds. Room 2 has 3 tens, and Room 5 has 0 tens, so $430 > 403$.
2. **Liam counted more. 275 > 257.** Both numbers have 2 hundreds. Liam has 7 tens and Sofia has 5 tens, so $275 > 257$.

CHALLENGE

No. 685 > 658 because both numbers have 6 hundreds, and 8 tens is more than 5 tens.

Accept the correct comparison written as shown, with the symbol between the two numbers. For the challenge, accept explanations that compare the tens after noting that the hundreds are equal.