

Number Compare Quest

Use symbols and words to compare numbers.

GRADE 2 • 2.NS.2.g

2.NS.2.g "Compare two whole numbers, each 999 or less, represented concretely, pictorially, or symbolically, using words (greater than, less than, or equal to) and symbols ($>$, $<$, or $=$). Justify reasoning orally, in writing, or with a model."

NAME _____

DATE _____

COMPARE PLACE VALUES

Compare the hundreds first, then the tens, then the ones.
The number with more in the first different place is greater.
Use $>$, $<$, or $=$, and write the matching words.

WORKED EXAMPLE

A toy shelf has 326 cars.
Another shelf has 362 cars.
Compare the numbers.

1. Both numbers have 3 hundreds.
2. Compare tens: 2 tens is less than 6 tens.
3. $326 < 362$.

Answer: $326 < 362$. 326 is less than 362.

PRACTICE 4 problems

1 Noah has 48 stickers. Priya has 84 stickers. Compare.

ANSWER _____

2 Ava has 207 blocks. Eli has 197 blocks. Compare.

ANSWER _____

3 Two bins each hold 510 cards. Compare.

ANSWER _____

4 Mia has 9 tens and 3 ones of beads. Leo has 8 tens and 9 ones of beads. Compare.

ANSWER _____

APPLY IT Show your work

- 1** Jada found 145 shells. Mateo found 154 shells. Who found more shells? Write a symbol and words.

WORK SPACE

ANSWER _____

- 2** A game box has 230 toy coins. Another game box has 203 toy coins. Which box has more? Write a symbol and words.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Kai has 3 hundreds, 4 tens, and 8 ones of buttons. Rue has 348 buttons. Compare the amounts. Explain why.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Noah has 48 stickers. Priya has 84 stickers. Compare.	$48 < 84$. 48 is less than 84.
2	Ava has 207 blocks. Eli has 197 blocks. Compare.	$207 > 197$. 207 is greater than 197.
3	Two bins each hold 510 cards. Compare.	$510 = 510$. 510 is equal to 510.
4	Mia has 9 tens and 3 ones of beads. Leo has 8 tens and 9 ones of beads. Compare.	$93 > 89$. 93 is greater than 89.

PART 2 • APPLY IT

- $145 < 154$. Mateo found more shells.** Compare the tens. 4 tens is less than 5 tens, so 145 is less than 154.
- $230 > 203$. The box with 230 toy coins has more.** Both numbers have 2 hundreds. Compare the tens: 3 tens is greater than 0 tens.

CHALLENGE

$348 = 348$. Both amounts have 3 hundreds, 4 tens, and 8 ones.

Accept $>$, $<$, or $=$ with correct comparison words. For the challenge, accept any clear explanation that both amounts are 348.