

Number Place Quest

Use hundreds, tens, and ones to read, write, and compare numbers.

GRADE 2 • 2.NR.1

2.NR.1 "Using the place value structure, explore the count sequences to represent, read, write, and compare numerical values to 1000 and describe basic place-value relationships and structures."

NAME _____

DATE _____

HUNDREDS, TENS, ONES

A 3-digit number has hundreds, tens, and ones. Look at the hundreds place first when you compare numbers. If the hundreds are the same, look at the tens, then the ones.

WORKED EXAMPLE

A bead jar has 826 beads.
Write 826 in expanded form.

1. The 8 is in the hundreds place, so it means 800.
2. The 2 is in the tens place, so it means 20.
3. The 6 is in the ones place, so it means 6.
4. Write $800 + 20 + 6$.

Answer: $800 + 20 + 6$

PRACTICE 5 problems

- 1** A toy bin holds 463 blocks. Write 463 in word form.

ANSWER _____

- 2** A sticker book has 7 hundreds, 2 tens, and 5 ones of stickers. Write the number.

ANSWER _____

- 3** A pet store has 681 fish. What is the value of the 8 in 681?

ANSWER _____

- 4** Mia has 394 trading cards. Jo has 349 trading cards. Write $>$, $<$, or $=$ to compare: 394 ___ 349

ANSWER _____

- 5** A game score count shows 598, 599, ___, 601. Write the missing score.

ANSWER _____

APPLY IT Show your work

- 1** Lena has 742 points in a video game. Max has 724 points. Who has more points?

WORK SPACE

ANSWER _____

- 2** A robot earns 9 hundreds, 0 tens, and 8 ones of energy points. What number of energy points does the robot earn?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Two teams collect toy cans. Team A collects 507 cans. Team B collects 570 cans. Which team collects more? Explain using place value.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy bin holds 463 blocks. Write 463 in word form.	four hundred sixty-three
2	A sticker book has 7 hundreds, 2 tens, and 5 ones of stickers. Write the number.	725
3	A pet store has 681 fish. What is the value of the 8 in 681?	80
4	Mia has 394 trading cards. Jo has 349 trading cards. Write $>$, $<$, or $=$ to compare: 394 ____ 349	$>$
5	A game score count shows 598, 599, ____, 601. Write the missing score.	600

PART 2 • APPLY IT

1. **Lena has more points.** Both scores have 7 hundreds. Compare the tens: 4 tens is more than 2 tens.
2. **908** Write 9 in the hundreds place, 0 in the tens place, and 8 in the ones place.

CHALLENGE

Team B collects more. Both numbers have 5 hundreds, but 7 tens is more than 0 tens.

Accept correctly spelled word forms with or without a hyphen in sixty-three. For the challenge, accept any clear explanation that compares the tens after noting the hundreds are the same.