LESSON MAKER PRO

Number Place Detectives

Read, build, and compare numbers to 1,000.

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."

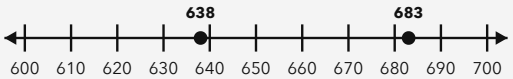
NAME _____ DATE _____

COMPARE PLACE VALUES

Compare the hundreds first. If they are the same, compare the tens, then the ones. One hundred equals 10 tens, and one ten equals 10 ones.

WORKED EXAMPLE

Mia has 638 beads. Omar has 683 beads. Who has more beads?



1. Both numbers have 6 hundreds.
2. Compare the tens: 8 tens is more than 3 tens.
3. 683 is greater than 638.

Answer: Omar has more beads. 683 > 638.

PRACTICE 4 problems

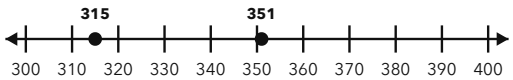
1 A toy bin has 452 blocks. Write 452 in expanded form.

ANSWER _____

2 Leo sees a game score of 709. How many hundreds are in 709?

ANSWER _____

3 Oak Pet Shop has 315 fish. Pine Pet Shop has 351 fish. Which shop has more fish?



ANSWER _____

4 Nia has 480 stickers. Write 480 in word form.

ANSWER _____

APPLY IT Show your work

1 At the school fair, Jay's class collected 627 cans. Rosa's class collected 672 cans. Which class collected more cans?

WORK SPACE

ANSWER _____

2 Ava's arcade score has 8 hundreds, 3 tens, and 5 ones. What is her score?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Which number is greater, 598 or 589? Explain by comparing the place values.

WORK SPACE AND ANSWER

ANSWER KEY

Number Place Detectives

GRADE 2 · 2.NR.1

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A toy bin has 452 blocks. Write 452 in expanded form.	**400 + 50 + 2**
2	Leo sees a game score of 709. How many hundreds are in 709?	**7 hundreds**
3	Oak Pet Shop has 315 fish. Pine Pet Shop has 351 fish. Which shop has more fish?	**Pine Pet Shop, 351 fish**
4	Nia has 480 stickers. Write 480 in word form.	**four hundred eighty**

PART 2 · APPLY IT

1. **Rosa's class collected more cans, 672 cans.** Both numbers have 6 hundreds. Compare the tens: 7 tens is more than 2 tens.
2. **835** Write 8 in the hundreds place, 3 in the tens place, and 5 in the ones place.

CHALLENGE

598 is greater. Both numbers have 5 hundreds, but 598 has 9 tens and 589 has 8 tens.

Accept equivalent expanded form written as 400 + 50 + 2. For word form, accept "four hundred and eighty" if that form is used in class.