

Number Name Quest

Show numbers in different ways.

GRADE 2 • 2.NBT.A.3

CCSS.Math.Content.2.NBT.A.3 "Read and write numbers to 1000 using base-ten numerals, number names, and expanded form."

NAME _____

DATE _____

SHOW A NUMBER THREE WAYS

A three-digit number has hundreds, tens, and ones. You can show the same number with digits, a number name, or expanded form.

WORKED EXAMPLE

A robot club counted 641 buttons. Write 641 in expanded form.

1. 6 is in the hundreds place, so write 600.
2. 4 is in the tens place, so write 40.
3. 1 is in the ones place, so write 1.
4. Put the parts together: $600 + 40 + 1$.

Answer: $600 + 40 + 1$

PRACTICE 5 problems

- 1** Sam has 325 toy cars. Write 325 in number name.

ANSWER _____

- 2** At the pet clinic, a chart says "six hundred eight" fish. Write the number using digits.

ANSWER _____

- 3** A sticker book has 709 stars. Write 709 in expanded form.

ANSWER _____

- 4** Lee has $500 + 60 + 3$ beads. Write this number using base-ten numerals.

ANSWER _____

- 5** An arcade ticket counter shows 480 tickets. Write the number name.

ANSWER _____

APPLY IT Show your work

- 1** Mia counts 254 shells. Write 254 in number name and expanded form.

WORK SPACE

ANSWER _____

- 2** The zoo feed chart says "nine hundred thirty-two" apples. Write the number using base-ten numerals and expanded form.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A toy chest has 3 hundreds, 0 tens, and 9 ones. Write the number using digits, a number name, and expanded form. Explain why there is a 0 in the number.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Sam has 325 toy cars. Write 325 in number name.	three hundred twenty-five
2	At the pet clinic, a chart says “six hundred eight” fish. Write the number using digits.	608
3	A sticker book has 709 stars. Write 709 in expanded form.	700 + 9
4	Lee has $500 + 60 + 3$ beads. Write this number using base-ten numerals.	563
5	An arcade ticket counter shows 480 tickets. Write the number name.	four hundred eighty

PART 2 • APPLY IT

1. **two hundred fifty-four; $200 + 50 + 4$** The digit 2 means 200, 5 means 50, and 4 means 4. Write the number name without using “and.”
2. **932; $900 + 30 + 2$** Write 9 in the hundreds place, 3 in the tens place, and 2 in the ones place. Then write the value of each place.

CHALLENGE

309; three hundred nine; $300 + 9$. The 0 shows there are no tens.

Accept equivalent expanded forms that include a zero-value place, such as $700 + 0 + 9$. Accept standard number names with or without hyphens, but do not require the word “and.”