

Number Form Fun

Show three-digit numbers in different ways.

GRADE 2 • 2.NS.2.b

2.NS.2.b "Read, write, and represent three-digit numbers in standard form, expanded form, and word form, using concrete or pictorial representations."

NAME _____

DATE _____

PLACE VALUE FORMS

Hundreds, tens, and ones tell the value of each digit. You can write a number in standard form, expanded form, and word form.

WORKED EXAMPLE

Write 352 in expanded form and word form.

1. 3 means 3 hundreds, or 300.
2. 5 means 5 tens, or 50.
3. 2 means 2 ones, or 2.
4. Put the parts together.

Answer: $300 + 50 + 2$; three hundred fifty-two

PRACTICE 4 problems

- 1** A toy box has 4 hundreds, 2 tens, and 7 ones. Write the standard form.

ANSWER _____

- 2** Write 615 snack stickers in expanded form.

ANSWER _____

- 3** A pet shop has 309 fish. Write the number in word form.

ANSWER _____

- 4** Write the standard form for seven hundred eighty-two buttons.

ANSWER _____

APPLY IT Show your work

- 1** A game score has 5 hundreds, 6 tens, and 4 ones. Write the number in standard form and word form.

WORK SPACE

ANSWER _____

- 2** The class library has 731 books. Write the number in expanded form and word form.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Sam counts 4 hundreds, 12 tens, and 3 ones in a toy collection. Sam writes 523. Is Sam correct? Explain.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy box has 4 hundreds, 2 tens, and 7 ones. Write the standard form.	427
2	Write 615 snack stickers in expanded form.	600 + 10 + 5
3	A pet shop has 309 fish. Write the number in word form.	three hundred nine
4	Write the standard form for seven hundred eighty-two buttons.	782

PART 2 • APPLY IT

1. **564; five hundred sixty-four** 5 hundreds is 500, 6 tens is 60, and 4 ones is 4. The number is 564.
2. **700 + 30 + 1; seven hundred thirty-one** The digits show 7 hundreds, 3 tens, and 1 one.

CHALLENGE

Yes. 12 tens is 120, so $400 + 120 + 3 = 523$.

Accept word forms with or without hyphens in numbers such as fifty-two. Accept equivalent expanded forms that show the correct hundreds, tens, and ones values.