

Number Form Switch

Show numbers three ways.

GRADE 2 • TEKS 2.2.B

2.2.B "use standard, word, and expanded forms to represent numbers up to 1,200;"

NAME _____

DATE _____

THE BIG IDEA

Each digit has a place value, such as hundreds, tens, or ones. In expanded form, add the value of each digit, and in word form, say the number in words. For numbers over 999, name the thousands first.

WORKED EXAMPLE

A toy store counted 684 kites.
Write the number in standard,
word, and expanded forms.

1. 6 hundreds = 600.
2. 8 tens = 80.
3. 4 ones = 4.
4. $600 + 80 + 4 = 684$.

Answer: Standard form: 684. Word form: six hundred eighty-four. Expanded form: $600 + 80 + 4$.

PRACTICE 5 problems

- 1** A puppy wears a tag with the number 326. Write 326 in word form.

ANSWER _____

- 2** A snack shop label shows $900 + 40 + 7$ pretzels. Write the standard form.

ANSWER _____

- 3** A museum has 1,105 shells. Write 1,105 in expanded form.

ANSWER _____

- 4** A toy bin has seven hundred twelve blocks. Write the standard form and expanded form.

ANSWER _____

- 5** A bead box holds 480 beads. Write 480 in word form.

ANSWER _____

APPLY IT

Show your work

- 1** The school library has one thousand twenty books about animals. Write the number in standard form and expanded form.

WORK SPACE

ANSWER _____

- 2** A trading card album has 658 cards. Write the number in word form and expanded form.

WORK SPACE

ANSWER _____

CHALLENGE

One step up

A video game score is 1,101 points. Write the score in word form and expanded form. Then explain why there are no tens in the expanded form.

WORK SPACE AND ANSWER

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A puppy wears a tag with the number 326. Write 326 in word form.	three hundred twenty-six
2	A snack shop label shows $900 + 40 + 7$ pretzels. Write the standard form.	947
3	A museum has 1,105 shells. Write 1,105 in expanded form.	1,000 + 100 + 5
4	A toy bin has seven hundred twelve blocks. Write the standard form and expanded form.	712; $700 + 10 + 2$
5	A bead box holds 480 beads. Write 480 in word form.	four hundred eighty

PART 2 • APPLY IT

- 1,020; $1,000 + 20$** Write 1 in the thousands place, 0 in the hundreds place, 2 in the tens place, and 0 in the ones place. The expanded form has 1,000 and 20.
- six hundred fifty-eight; $600 + 50 + 8$** The 6 means 600, the 5 means 50, and the 8 means 8. Say those place values in words for the word form.

CHALLENGE

Word form: one thousand one hundred one. Expanded form: $1,000 + 100 + 1$. There are no tens because the tens digit is 0.

Accept word forms with or without “and” if the place values are correct. Accept expanded forms that leave out addends with a value of 0.