

Read and Write Numbers to 10,000

How to use: Print first for the main practice. Then use the device to repeat activities and save progress.

LEARNING OBJECTIVES

- 1 Read and write numbers up to 10,000 in standard form
- 2 Write numbers up to 10,000 in word form
- 3 Write numbers up to 10,000 in expanded form

MINI LESSON

Numbers up to 10,000 are all around us — in prices, distances, and population counts. Every number can be written three ways: standard form (digits only), word form (written-out words), and expanded form (each place value shown as an addition).

Standard Form

- Write the digits in order from greatest place to least: thousands, hundreds, tens, ones.
- Use a comma to separate the thousands from the hundreds: 4,352.
- The digit farthest left has the greatest value.

Word Form

- Name the thousands first, then hundreds, then the two-digit tens-and-ones part.
- 4,352 "four thousand, three hundred fifty-two."
- Use a hyphen in two-digit numbers from twenty-one to ninety-nine (e.g., fifty-two).

Expanded Form

- Break the number into the value of each non-zero digit and add them.
- 4,352 $4,000 + 300 + 50 + 2$.
- Zeros do not need their own addend — skip that place value.

! Remember: standard form uses digits, word form uses words, expanded form uses addition.

VOCABULARY

Standard form A number written using only digits
e.g. 4,352 is in standard form.

Word form A number written out in words
e.g. "Four thousand, three hundred fifty-two" is the word form.

Expanded form A number shown as the sum of the value of each digit
e.g. $4,000 + 300 + 50 + 2$ is the expanded form of 4,352.

Digit A single number symbol from 0 to 9
e.g. The number 4,352 has four digits.

Place value The value of a digit based on its position in a number
e.g. In 4,352, the 3 has a place value of 300.

Comma A mark that separates the thousands from the hundreds in a number
e.g. A comma helps us read 4,352.

Three Ways to Write 4,352

Standard Form **4,352**

Word Form four thousand,
three hundred fifty-two

Expanded Form $4,000 + 300 + 50 + 2$

All three forms represent the same value.
 They are just different ways of writing it.

Place-Value Chart

Thousands

Hundreds

Tens

Ones

4

3

5

2

4,000 + 300 + 50 + 2

$$4,000 + 300 + 50 + 2 = 4,352$$

The blue column is the thousands place.

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e.g. The number 4,352 has four digits.

Place value The value of a digit based on its position in a number
e.g. In 4,352, the 3 has a place value of 300.

Comma A mark that separates the thousands from the hundreds in a number
e.g. A comma helps us read 4,352.

TRACING PRACTICE

Trace each number or symbol, then copy it twice on the lines provided.

MODEL — READ IT

1,000

COPY 1

COPY 2

MODEL — READ IT

2,000

COPY 1

COPY 2

MODEL — READ IT

5,000

COPY 1

COPY 2

MODEL — READ IT

10,000

COPY 1

COPY 2

MODEL — READ IT

hundreds

COPY 1

COPY 2

MODEL — READ IT

thousands

COPY 1

COPY 2

MODEL — READ IT

+

COPY 1

COPY 2

MODEL — READ IT

=

COPY 1

COPY 2

Tip: Say each number aloud as you write it.

TYPE OR WRITE

Write 3 different words from the list above.

1. _____
2. _____
3. _____

EXERCISES — FILL IN THE BLANKS

Fill in each blank to complete the standard, word, or expanded form.

- 2,461 in word form: two thousand, four hundred _____ .
- 5,308 in expanded form: $5,000 +$ _____ $+ 8$.
- "Three thousand, seven hundred two" in standard form: _____ .
- $1,000 + 600 + 40 + 9$ in standard form: _____ .
- 8,050 in word form: eight thousand, _____ .
- 6,900 in expanded form: $6,000 +$ _____ .
- "Four thousand, fifteen" in standard form: _____ .
- 9,200 in expanded form: _____ $+ 200$.

"Flip the page upside down to see the answer key"

1. sixty-one 2. 300 3. 3,702 4. 1,649 5. fifty 6. 900 7. 4,015 8. 9,000

EXERCISES — MULTIPLE CHOICE

Circle the best answer.

1. Which is the standard form of "six thousand, two hundred fifteen"?

- 6,215
- 6,025
- 6,251

2. What is the expanded form of 3,074?

- $3,000 + 700 + 4$
- $3,000 + 70 + 4$
- $3,000 + 700 + 40$

3. What is the word form of 5,008?

- five thousand, eight
- five thousand, eighty
- five thousand, eight hundred

4. Which number has a 7 in the thousands place?

- 7,430
- 1,078
- 3,712

5. $4,000 + 500 + 60 + 3$ equals which number in standard form?

- 4,653
- 4,563
- 4,536

6. Which is the correct word form of 2,350?

- two thousand, thirty-five
- two thousand, three hundred five
- two thousand, three hundred fifty

7. What is the value of the digit 9 in 1,920?

- 9
- 90
- 900

8. Which number equals $8,000 + 400 + 5$?

- 8,450
- 8,045
- 8,405

9. How do you write "nine thousand" in standard form?

- 900
- 9,000
- 9,900

10. Which expanded form matches 7,260?

- $7,000 + 200 + 6$
- $7,000 + 260$
- $7,000 + 200 + 60$

"Flip the page upside down to see the answer key"

1. a 2. b 3. a 4. a 5. b 6. c 7. c 8. c 9. b 10. c

ASSESSMENT

PARENT / TEACHER CHECKLIST

- Writes a 4-digit number correctly in standard form with a comma separating the thousands.
- Writes the word form of a given number, including hyphens in two-digit parts such as "sixty-one."
- Writes the expanded form of a given number by listing each non-zero place value as a separate addend.
- Converts between all three forms (standard, word, expanded) for numbers up to 10,000 on the worksheet.