

Understand Thousands, Hundreds, Tens, Ones

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

LEARNING OBJECTIVES

- 1 Name the four place values of a 4-digit number: thousands, hundreds, tens, ones
- 2 Identify the digit in any given place in a 4-digit number
- 3 Find the value of a digit by multiplying it by its place value

MINI LESSON

Every 4-digit number has four place values: thousands, hundreds, tens, and ones. The position of a digit tells you its value. The digit 3 in 3,574 is in the thousands place, so its value is 3,000 — not just 3.

The Four Place Values

- Thousands (Th): the leftmost digit in a 4-digit number. Its value is the digit \times 1,000.
- Hundreds (H): the second digit from the left. Its value is the digit \times 100.
- Tens (T): the third digit from the left. Its value is the digit \times 10.
- Ones (O): the rightmost digit. Its value is the digit \times 1.

Digit vs Value

- The digit is just the symbol (0–9) sitting in that position.
- The value is what that digit is worth based on its position.
- In 3,574: digit 3 has value 3,000; digit 5 has value 500; digit 7 has value 70; digit 4 has value 4.

! Remember: the digit tells you HOW MANY; the place tells you HOW MUCH each one is worth.

Place-Value Chart: 3,574

Th	H	T	O			
3	5	7	4			
3,000	+	500	+	70	+	4
= 3,574						
Blue column = thousands place Each place is 10x the place to its right						

Digit vs Value: 3,574

Digit	Value
3	3,000
5	500
7	70
4	4

TRACING PRACTICE

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

TRACE

1,000

COPY 1

COPY 2

TRACE

2,000

COPY 1

COPY 2

TRACE

5,000

COPY 1

COPY 2

TRACE

thousands

COPY 1

COPY 2

TRACE

hundreds

COPY 1

COPY 2

TRACE

tens

COPY 1

COPY 2

TRACE

ones

COPY 1

COPY 2

Tip: Say each place value aloud as you write it.

EXERCISES — TAP THE CORRECT ANSWER

Tap the correct answer for each question.

1. Which digit is in the thousands place in 4,352?

4 3 5 2

2. What is the value of the 3 in 3,574?

3 300 3,000 30

3. Which digit is in the hundreds place in 7,819?

7 8 1 9

4. What is the value of the 6 in 2,640?

6 60 600 6,000

5. Which digit is in the tens place in 5,083?

5 0 8 3

6. What is the value of the 9 in 1,290?

9 90 900 9,000

EXERCISES — MULTIPLE CHOICE

Circle the best answer.

In the number 6,482, which digit is in the thousands place?

- 6
- 4
- 8

What is the value of the digit 5 in 8,523?

- 5
- 500
- 5,000

In 2,037, which digit is in the ones place?

- 2
- 3
- 7

What is the value of the digit 4 in 4,900?

- 4,000
- 400
- 40

How many hundreds are in 3,700?

- 3
- 7
- 37

In 9,050, which place value has a zero?

- Thousands and tens
- Hundreds and ones
- Tens and thousands

What is the value of the digit 8 in 8,062?

- 80
- 800
- 8,000

Which number has a 3 in the tens place?

- 3,124
- 1,034
- 7,315

In 5,471, what is the value of the digit 7?

- 70
- 700
- 7,000

Which statement about 6,205 is correct?

- The digit in the hundreds place is 2
- The digit 0 has a value of 10
- The thousands digit is 2

ASSESSMENT

PARENT / TEACHER CHECKLIST

- Names all four place values (thousands, hundreds, tens, ones) for a given 4-digit number without prompting.
- Correctly identifies the digit in a specified place value position for at least 4 different numbers.
- Calculates the value of a given digit by multiplying it by its place value (e.g., digit 5 in hundreds place = 500).
- Explains the difference between the digit and its value in a 4-digit number using a place-value chart.