Name: _____

Lesson Guide

This lesson guide accompanies the following video lesson:

Writing Numbers in Expanded Form

▶ **Key Questions and Info:**

What is expanded form?

When you write a number in **expanded form** (also know as expanded notation), you are expressing the number separated into its composite individual place values (and decimal values if necessary) in the form of an expression.
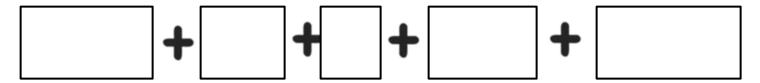
Example 01:

$$8,743 \leftarrow \underline{\hspace{3cm}} \text{ form.}$$

This number is written in _____ (or numeric) form.

To write this number in expanded form, you have to _____ it into its composite individual place values as follows

☐ **+** ☐ **+** ☐ **+** ☐

↑ _____ form.

Using a place value chart can be helpful!

Part 2: Writing Decimal Numbers in Expanded Form

Example 02:

317.29

written in expanded form is

☐ + ☐ + ☐ + ☐ + ☐

THOUSANDS	HUNDREDS	TENS	ONES	DECIMAL	TENTHS	HUNDREDTHS	THOUSANDTHS
				●			

* Print the blank Place Value Chart on the next page to use as a guide of future problems!

PLACE VALUE CHART

	THOUSANDS
	HUNDREDS
	TENS
	ONES
●	DECIMAL
	TENTHS
	HUNDREDTHS
	THOUSANDTHS