PLACE VALUE PARTITIONING
VOCABULARY CARDS

DIGIT
A symbol used to write a number.

0 1 2 3 4
5 6 7 8 9

PLACE VALUE
The value of a digit based on its place in a number.

3	4	7
↓	↓	↓
300	40	7

PLACE
A position in a number. Examples: ones, tens, hundreds, thousands.

Thousands	Hundreds	Tens	Ones
2	6	3	8

VALUE
The amount a digit is worth.

5	0	2
↓	↓	↓
500	0	2

PARTITION
Split a number into the value of each place.

347 = 300 + 40 + 7

EXPANDED FORM
A number written as the sum of the value of each digit.

456 = 400 + 50 + 6

STANDARD FORM
A number written in its usual form.

400 + 30 + 5 = 435

ONES
The place worth 1. The rightmost place.

Thousands	Hundreds	Tens	Ones
			1

TENS
The place worth 10.

Thousands	Hundreds	Tens	Ones
		1	

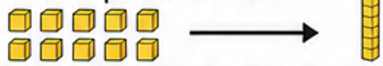
HUNDREDS
The place worth 100.

Thousands	Hundreds	Tens	Ones
	1		

THOUSANDS
The place worth 1,000.

Thousands	Hundreds	Tens	Ones
1			

REGROUP
Trade a group of ten for one in the next place value.



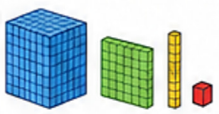
COMPOSE
Combine parts to make a whole.

300 + 40 + 7 = 347

DECOMPOSE
Break a number into its parts.

347 → 300 + 40 + 7

BASE TEN
A number system that uses groups of ten.



PLACE VALUE CHART
A chart that shows the places in a number.

Thousands	Hundreds	Tens	Ones

EQUAL VALUE
Different ways that represent the same number.

200 + 30 + 4 = 234

NUMBER SENSE
Understanding numbers and how they work.