

Activity 2 Assessment

Representing Numbers in Different Forms

Extending Whole Number Understanding

Represents 5-digit numbers on place-value chart (decomposes in one way).

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
	7	1	2	8	3

"71 283 has 7 ten-thousands, 1 thousand, 2 hundreds, 8 tens, and 3 ones."

Represents same number in multiple ways (e.g., words, expanded form, place-value chart).

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
	7	1	2	8	3

"71 238; seventy-one thousand two hundred eighty-three; $70\ 000 + 1000 + 200 + 80 + 3$ "

Uses relationships among place-value positions to read a number in more than one way.

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
	7	1	2	8	3

"7 ten-thousands, 1 thousand, 2 hundreds, 8 ten, and 3 ones can also be 71 thousands, 2 hundreds, and 83 ones."

Observations/Documentation

Activity 2 Assessment

Representing Numbers in Different Forms

Extending Whole Number Understanding (cont'd)

Uses place-value to compare numbers.

Ten thousands	Thousands	Hundreds	Tens	Ones
7	1	2	8	3
7	3	1	9	3

“Both numbers have 3 ten-thousands. Since 3 thousands is more than 1 thousand, 73 193 is greater than 71 283.”
 $73\ 193 > 71\ 283$

Uses place value to compare and order numbers.

65 218, 56 812, 65 018, 65 208

“I compared the digits in each place-value position. From least to greatest: 56 812, 65 018, 65 208, 65 218.”

Extends whole number understanding up to and beyond 1 000 000.

“To represent 1 639 587, I have to add 2 columns to the place value chart: one for hundred-thousands and one for millions.”

Observations/Documentation