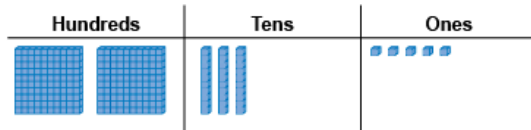# Activity 6 Assessment
Number Relationships and Place Value Consolidation
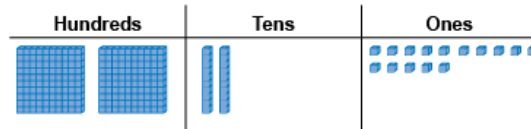

Representing Numbers Using Place Value

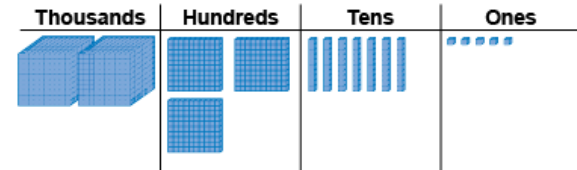| Models 3-digit number using Base Ten Blocks (decomposes in one way)	Models 3-digit number (decomposes in more than one way) and records using place-value names	Models 4-digit number using Base Ten Blocks (decomposes in one way)
"I modelled 235. I used the digits of the number to tell me how many of each block I needed."	"two hundred thirty-five: I can also show it as 2 hundreds, 2 tens and 15 ones if I trade 1 ten for 10 ones."	"I modelled 2375. I used the digits of the number to tell me how many of each block I needed."

Observations/Documentation

Activity 6 Assessment
Number Relationships and Place Value Consolidation
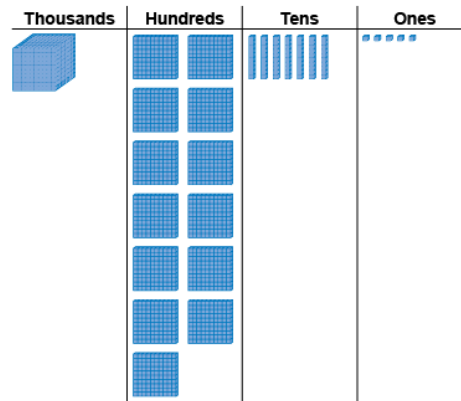
Representing Numbers Using Place Value (con't)

Systematically models 4-digit number in more than one way using patterns and place-value relationships

Thousands	Hundreds	Tens	Ones
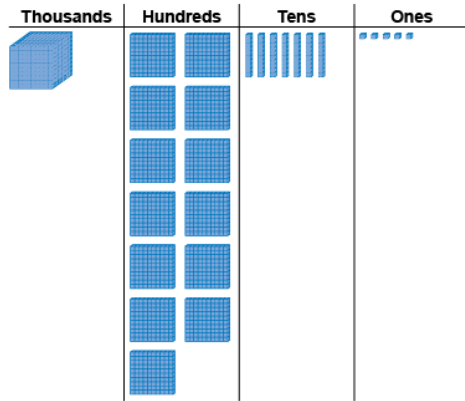
"I traded one thousand cube for 10 hundred flats."

Models 4-digit number in more than one way and records each way in expanded form

Thousands	Hundreds	Tens	Ones

"2375 = 1000 + 1300 + 70 + 5"

Represents numbers flexibly using place-value relationships

"2375 = 2000 + 300 + 70 + 5
2375 = 2000 + 300 + 60 + 15
2375 = 2000 + 300 + 50 + 25
2 thousands, 3 hundreds, 4 tens, 35 ones

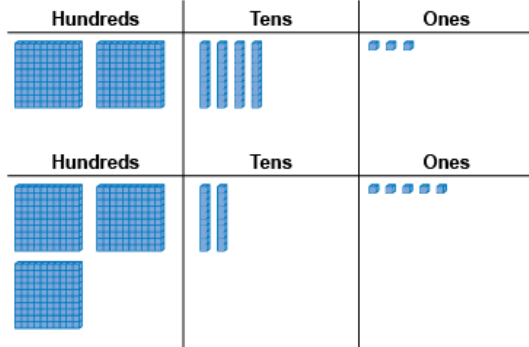## Observations/Documentation

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Activity 6 Assessment
Number Relationships and Place Value Consolidation

Comparing and Ordering Quantities

Models numbers and compares blocks	Compares numbers with benchmarks	Visualizes benchmarks on a number line to compare
Hundreds · Tens · Ones	7348 ... 7999 (number line 7000 – 7500 – 8000)	"I picture 7999 farther to the right on the line than 7348. So, 7999 is greater than 7348."
Hundreds · Tens · Ones	"I compared the numbers to 7500. 7348 is less than 7500 and 7999 is almost 8000. So, 7999 is greater."	
"325 has one more hundred flat, so it is greater than 243."		
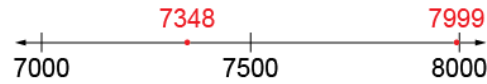
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Activity 6 Assessment
Number Relationships and Place Value Consolidation

Comparing and Ordering Quantities (con't)

Uses place value understanding to compare numbers, digit by digit	Compares and orders three or more numbers using a variety of strategies	Compares numbers flexibly and records comparisons symbolically (<, =, >)
7348　　7999 "Both start with 7. 3 hundreds is less than 9 hundreds, 4 tens is less than 9 tens, and 8 ones is less than 9 ones. So, 7348 is less than 7999."	**5031　4008　7999　7438** "I first compare using thousands, then compare 7999 and 7438 using hundreds."	**3467 > 3267** "Both numbers have 3 thousands, but 3467 has more hundreds."

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