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| **Representing Numbers Using Place Value** | | |
| Models 4-digit number using Base Ten Blocks (decomposes in one way).    “2375: I used the digits of the number to tell me how many of each block I needed.” | Represents 4-digit number on place-value chart (decomposes in one way).    “2375 has 2 thousands, 3 hundreds,  7 tens, and 5 ones.” | Represents 5-digit number on place-value chart (decomposes in one way).    “71 283: I used the digits of the number to tell me the number to write in each column.” |
| **Observations/Documentation** | | |
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| **Representing Numbers Using Place Value (con’t)** | | |
| Uses relationships among place-value positions to read a number in more than one way.    “7 ten-thousands, 1 thousand, 2 hundreds,  8 tens, and 3 ones can also be 71 thousands,  2 hundreds, and 83 ones.” | Represents numbers using expanded form.    “639 587 =  600 000 + 30 000 + 9000 + 500 + 80 + 7” | Represents numbers flexibly using place-value relationships.  “639 587 =  600 000 + 30 000 + 9000 + 500 + 80 + 7 Or 600 000 + 39 000 + 400 + 180 + 7 Or 639 000 + 587” |
| **Observations/Documentation** | | |
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| **Comparing and Ordering Quantities** | | |
| Compares numbers using only the first digits.  **7843 6587**  “7843 is greater than 6587  because 7 is bigger than 6.” | Compares numbers with benchmarks.    “I compared the numbers to 10 000. 7348 is less than 10 000 and 12 569 is greater than 10 000. So, 12 569 is greater.” | Visualizes benchmarks on a number line to compare.  “I picture 12 589 farther to the right  on the line than 7843.  So, 12 589 is greater than 7843.” |
| **Observations/Documentation** | | |
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| **Comparing and Ordering Quantities (con’t)** | | |
| Uses place value understanding to compare numbers, digit by digit.    “Both start with 12 thousands. 3 hundreds is greater than 1 hundred, 2 tens is greater than 0 tens, and 7 ones is less than 9 ones. So, 12 327 is greater than 12 109.” | Compares and orders three or more numbers using a variety of strategies.  **7407 36 104 36 455**  “7407 has only 4 digits, so it’s the least. To compare 36 104 and 36 455, I have to look at the hundreds place; 4 is greater than 1, so 36 455 is the greatest number.” | Compares numbers flexibly and records comparisons symbolically (<, =, >).  **37 867 < 49 328**  “Both are 5-digit numbers. The first digit tells me that 37 867 is less than 49 328.”  **37 867 > 35 095**  “For this pair,  I have to check the thousands place.” |
| **Observations/Documentation** | | |
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