

Dear Family,

During the next few weeks, our math class will be learning about patterns and place value. We will be learning how to read and write greater numbers.

You can expect to see work that provides practice in modeling numbers in different ways. We also will be comparing, ordering, and rounding these numbers. As we learn how to compare and order greater numbers, you may wish to use the following sample as a guide.

Vocabulary

expanded form A way to write a number that shows the value of each digit. 5,140 in expanded form is $5,000 + 100 + 40$.

greater than ($>$) The symbol used to compare two numbers. $5 > 4$ means five is greater than four.

less than ($<$) The symbol used to compare two numbers. $4 < 5$ means four is less than five.

standard form A way to write a number using only digits. 5,140 is a number in standard form.

Order 3 Four-Digit Numbers

To order 5,925, 5,200, and 5,784 from least to greatest, write the numbers one above the other in a place-value chart.

1. Compare the thousands digits. Since all are 5, look at the hundreds digits.

2. Compare the hundreds digits.

So the order from least to greatest is 5,200, 5,784, 5,925.

thousands	hundreds	tens	ones
5	9	2	5
5	2	0	0
5	7	8	4

↑

same

↑

$2 < 7$, so $5,200 < 5,784$

$7 < 9$, so $5,784 < 5,925$

Knowing about place value can help students understand numbers through 10,000 and use them to solve problems.

Sincerely,

Your Child's Teacher



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