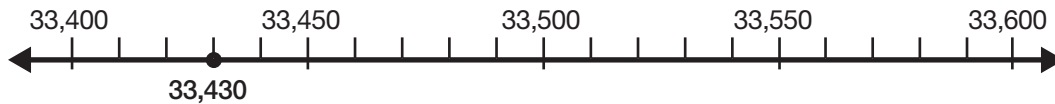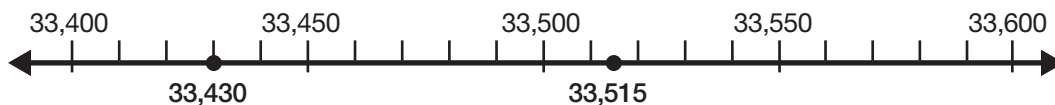# Ordering Numbers

You can use a number line to compare two numbers. Which is greater, 33,430 or 33,515?

Step 1 Plot the first number on a number line:

Step 2 Plot the second number on the same number line:

Step 3 Compare the numbers. Remember, as you move to the right on a number line, the numbers increase.
Looking at the number line, 33,515 is to the right of 33,430.
So, 33,515 > 33,430.

You can use place value to order numbers from greatest to least. Write the numbers, lining up places. Begin at the left and find the greatest digit. If necessary, continue comparing the other digits:

	Continue comparing	Write from greatest to least
42,078	37,544	42,078
37,544	39,222	39,222
24,532	39,222 > 37,544	37,544
39,222		24,532

Compare. Write > or < for each ◯.

1. 3,211 ◯ 4,221   **2.** 35,746 ◯ 35,645   **3.** 355,462 ◯ 535,845

4. Order the numbers from greatest to least. 62,500   62,721   63,001   61,435

_____ ; _____ ; _____ ; _____

5. **Number Sense** Write 3 numbers that are greater than 12,000, but less than 13,000.

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