Can I order and compare decimal numbers?

greatest number

ascending
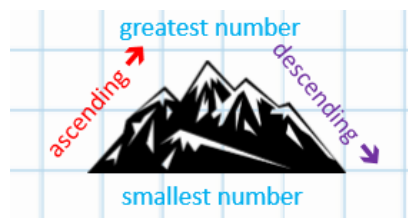
descending

smallest number

Step 1

Place all your numbers in a column, making sure all the digits are aligned properly in their place value columns. Then check the instructions to make sure you know whether you need to put them in ascending or descending order.

4 • 3	6
3 • 6	4
3 • 4	6

Step 2

Compare the digits starting from the left; if they're the same value, look at the next column until you find a difference.

4 is larger than 3 so 4.36 is larger than 3.64.

4 • 3	6
3 • 6	4
3 • 4	6

Both digits are the same so we look at the tenths.

6 tenths are bigger than 4 tenths, so 3.64 is bigger than 3.46

Ascending Order
3.46, 3.64, 4.36

Descending Order
4.36, 3.64, 3.46

Use a piece of paper to write these sets of numbers in columns to help you order them:

Put the following numbers in **ascending order**

4.56	4.65	6.54	5.46

15.2	1.52	2.51	5.21

1.243	1.423	1.432	1.234

Put the following numbers in **descending order**

8.29	8.291	8.912	8.2

6.57	5.76	57.6	56.7

2.01	0.12	10.2	0.21