

## Order Whole Numbers and Decimals

Line up numbers (Remember decimals must line up)

Start at the left and compare digits in the same place.

Example 1:

$$\begin{array}{r} 1.4357 \\ 1.3475 \end{array}$$

The ones are the same  
4 tenths is greater than 3 tenths, so 1.4357 is greatest

Example 2:

$$\begin{array}{r} 1.4357 \\ 1.4375 \end{array}$$

The ones, tenths, and hundredths are the same  
5 thousandths is less than 7 thousandths, so 1.4375 is greatest

Example 3:

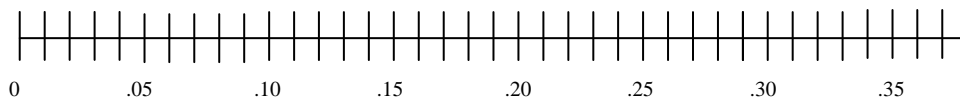
$$\begin{array}{r} 1.710 \\ 1.700 \\ 1.725 \end{array}$$

Use 0's to hold the place value of a number  
and to compare

The ones and tenths are the same

2 hundredths is greater than 1 hundredth and 0 hundredth  
so,  $1.725 > 1.71 > 1.7$

Use a number line to compare decimals



Label the following Points on the number line.

A = 0.01

B = 0.07

C = 0.23

D = 0.36