

Notes - Comparing and Ordering Fractions and Decimals

Comparing and Ordering Fractions and Decimals

Vocabulary

Ascending Order: Smallest to Largest

Ex. 1,2,3,4,... Ex. -4,-3,-2,-1,...

Descending Order: Largest to Smallest

Ex. 4,3,2,1,... Ex. -1,-2,-3,-4,...

Think of negative numbers as backwards
(Smaller Negatives = Larger Numbers because they are closer to 0)

List the following numbers in ascending order:

***Hint: convert all numbers to same form
(decimal is usually easiest)**

$\frac{7}{8}$ 0.31 $\frac{3}{4}$ 0.88

List the following numbers in descending order:

-0.8, $-\frac{10}{15}$, -0.790, $-\frac{7}{9}$, -1.25

Order from least to greatest:

-0.81, $-\frac{3}{4}$, $-\frac{3}{5}$, -0.69

Plot on a Number Line

1.7, 1.2, $1\frac{1}{4}$, $1\frac{3}{4}$

Use your number line to put in ascending order.

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Greater Than, Less Than, or Equal To?

$$.56 \square \frac{65}{100}$$

$$-.75 \square \frac{-57}{100}$$

$$.89 \square \frac{8}{10}$$

$$.45 \square \frac{5}{10}$$

$$.77 \square \frac{7}{9}$$

$$-.3 \square -\frac{1}{3}$$