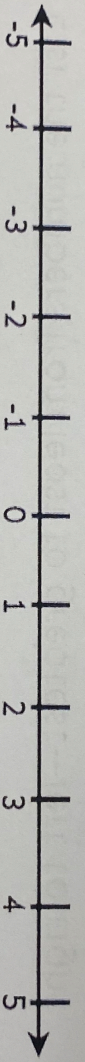


Ordering and Comparing Numbers

You can use a number line to compare and order numbers

Numbers decrease get smaller as you go left on the number line



Numbers increase get bigger as you go right on the number line

When comparing rational numbers, convert all numbers to the same form and place on a number line.

You can use these symbols to compare numbers



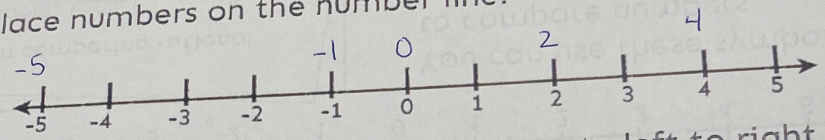
less than greater than



Use a number line to order the numbers from least to greatest.

0, -1, 4, 2, -5

1. Place numbers on the number line.



2. List the numbers from least to greatest—left to right

-5, -1, 0, 2, 4

Use a number line to order the numbers from least to greatest.

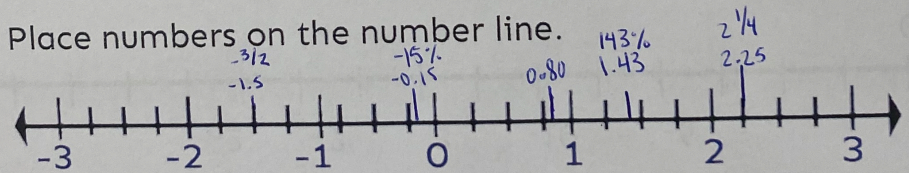
143%, $2\frac{1}{4}$, $-\frac{3}{2}$, 0.80, -15%

$-1\frac{1}{2}$

1. Convert all numbers to the same form.

1.43 2.25 -1.5 0.80 -0.15

2. Place numbers on the number line.



3. List the numbers from least to greatest—left to right

Always use ORIGINAL values.

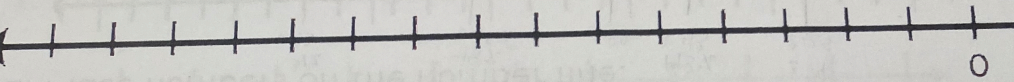
$-\frac{3}{2}$, -15%, 0.80, 143%, $2\frac{1}{4}$

Name: _____

Ordering Numbers

Plot each number on the number line. Then order the numbers from least to greatest

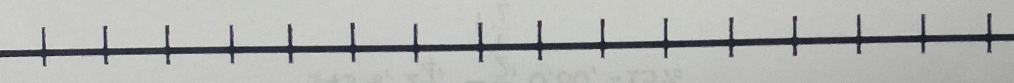
-2 -7 -3 -10 -6



-10, -7, -6, -3, -2

Plot each number on the number line. Then order the numbers from greatest to least

-3 -25 8 -11 4 0



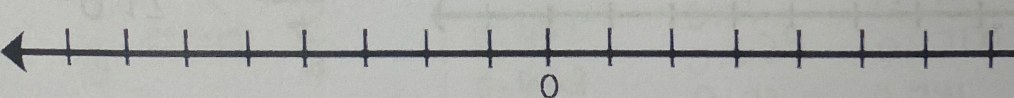
8, 4, 0, -3, -11

Name: _____

Ordering Numbers

Plot each number on the number line. Then order the numbers from least to greatest

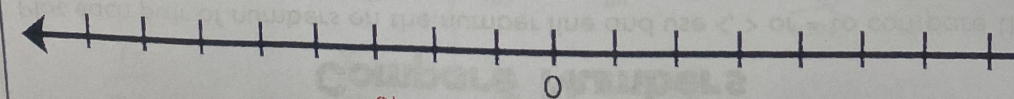
0.15, 4%, $-\frac{4}{25}$, -0.2, $\frac{1}{10}$



-0.2, $-\frac{4}{25}$, 4%, $\frac{1}{10}$, 0.15

Plot each number on the number line. Then order the numbers from greatest to least

30%, -0.45, $\frac{9}{100}$, -25%, $-\frac{3}{10}$



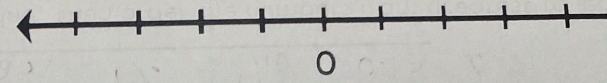
30%, $\frac{9}{100}$, -25%, $-\frac{3}{10}$, -0.45

Name: _____

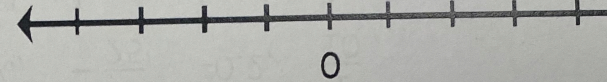
Compare Numbers

Plot each pair of numbers on the number line and use <, > or = to compare the

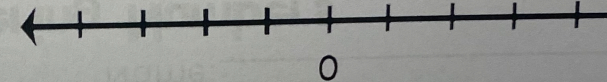
130%
1.30 > $\frac{5}{4}$
1.25



-0.17 < $-\frac{4}{25}$
-0.16



0.721 < 75%
0.750



Name: _____

Between

Find a decimal between the following pair of numbers.

$\frac{5}{8}$ and $\frac{3}{4}$
0.625 0.750

0.626 0.7
0.627 0.71
0.628 0.629
0.629 0.72
0.67 0.73
0.69 0.731
0.700
0.741

Find a fraction between the following pair of numbers.

0 and 0.08
 $\frac{0}{100}$ $\frac{8}{100}$

$\frac{1}{100}$ $\frac{6}{100}$
 $\frac{2}{100}$ $\frac{1}{100}$
 $\frac{69}{1000}$ → $\frac{69}{1000}$

