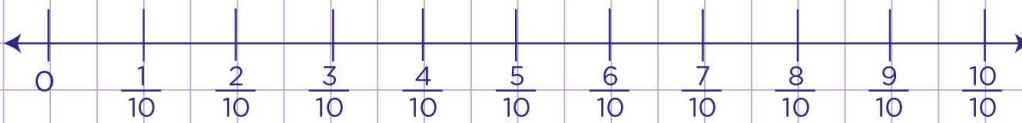


Name: Class:

How to graph and compare fractions with like numerators
or like denominators using number lines

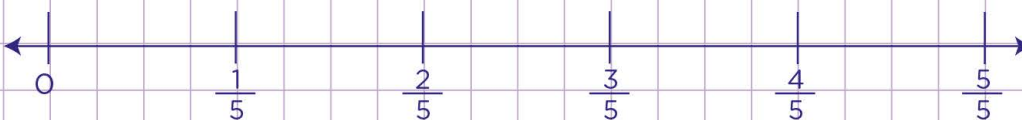
a. Graph $\frac{9}{10}$, $\frac{3}{10}$, and $\frac{7}{10}$ on the number line below. Then write the greatest fraction.



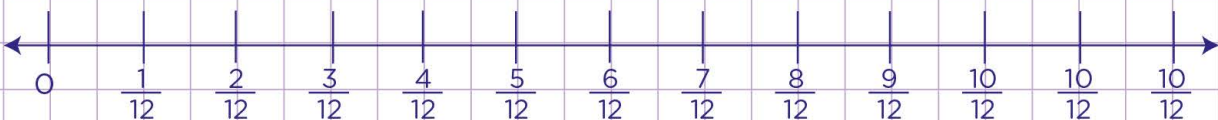
b. Graph $\frac{1}{2}$ and $\frac{1}{4}$ on the number line below. Then write the fraction that is less.



c. Graph $\frac{3}{5}$ and $\frac{7}{10}$ on the number line below. Then write the greater fraction.



d. Graph $\frac{3}{12}$, $\frac{3}{6}$, and $\frac{5}{12}$ on the number line below. Then write the fraction that is less.

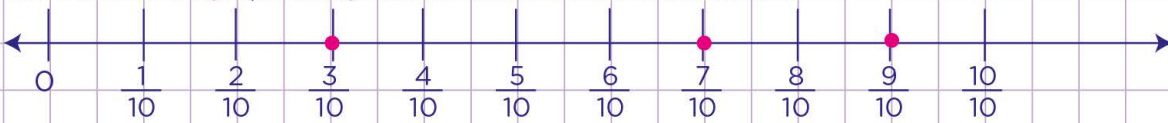


Name: Class:

How to graph and compare fractions with like numerators or like denominators using number lines

a. Graph $\frac{9}{10}$, $\frac{3}{10}$, and $\frac{7}{10}$ on the number line below. Then write the greatest fraction.

Let's first of all graph the given fractions on the number line.



Now, let's compare.

Since $\frac{9}{10}$ is closer to 1 than the rest of the fractions,

it implies that $\frac{9}{10}$ is the greatest fraction.

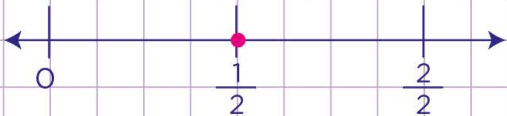
b. Graph $\frac{1}{2}$ and $\frac{1}{4}$ on the number line below. Then write the fraction that is less.

Let's first of all graph $\frac{1}{4}$ on the number line.



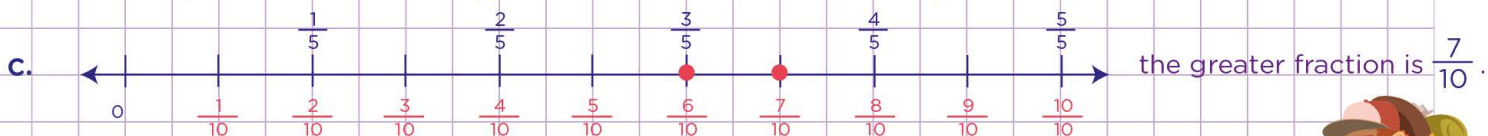
Secondly, let's graph $\frac{1}{2}$ on the number line.

If we try to divide the given number line into 2 equal parts, you see that $\frac{1}{2}$ will fall at the fraction $\frac{2}{4}$.



Finally let's compare.

Since $\frac{1}{4}$ is closer to 0 than $\frac{1}{2}$, it implies that $\frac{1}{4}$ is less than $\frac{1}{2}$.



d. The less fraction is $\frac{3}{12}$.

