

Name: Class:

Graph and compare fractions on number lines

a. Graph $\frac{1}{2}$ and $\frac{3}{4}$ on the number line below and state which fraction is smaller.



b. Graph $\frac{2}{5}$ and $\frac{7}{5}$ on the number line below and state which fraction is greater



c. Graph $\frac{3}{4}$ and $\frac{10}{8}$ on the number line below and state which fraction is greater



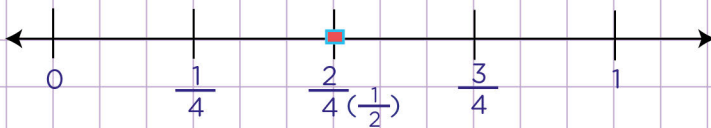
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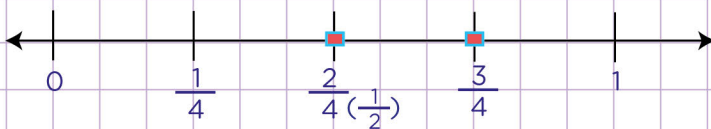
- a. Graph $\frac{1}{2}$ and $\frac{3}{4}$ on the number line below and state which fraction is smaller.



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



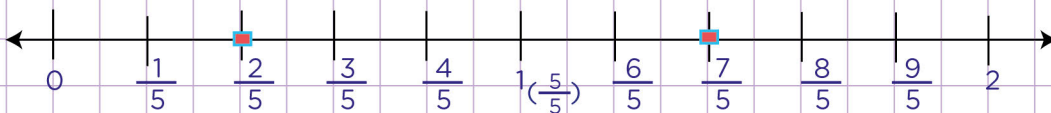
Secondly, let's graph $\frac{3}{4}$ on the same graph



Finally, you see that $\frac{1}{2}$ is closer to 0 than $\frac{3}{4}$, it implies $\frac{1}{2}$ is smaller

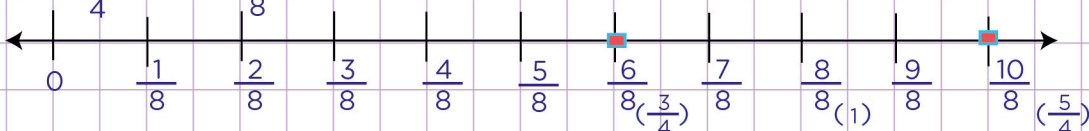


- b. Graph $\frac{2}{5}$ and $\frac{7}{5}$ on the number line below and state which fraction is greater



Finally you see that $\frac{2}{5}$ is closer to 0 than $\frac{7}{5}$, it implies $\frac{7}{5}$ is greater

- c. Graph $\frac{3}{4}$ and $\frac{10}{8}$ on the number line below and state which fraction is greater



Finally you see that $\frac{10}{8}$ is greater