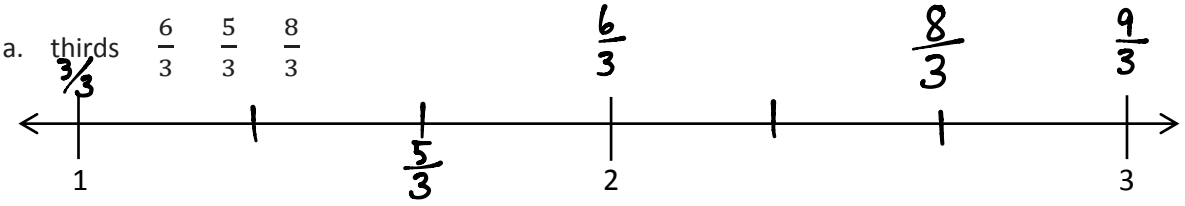
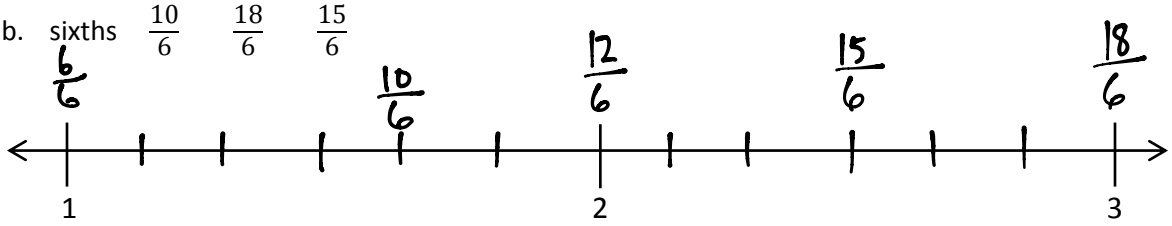
Name _____ Date _____

1. Divide each number line into the given unit fractions. Then place the fractions. Write each whole as a fraction.

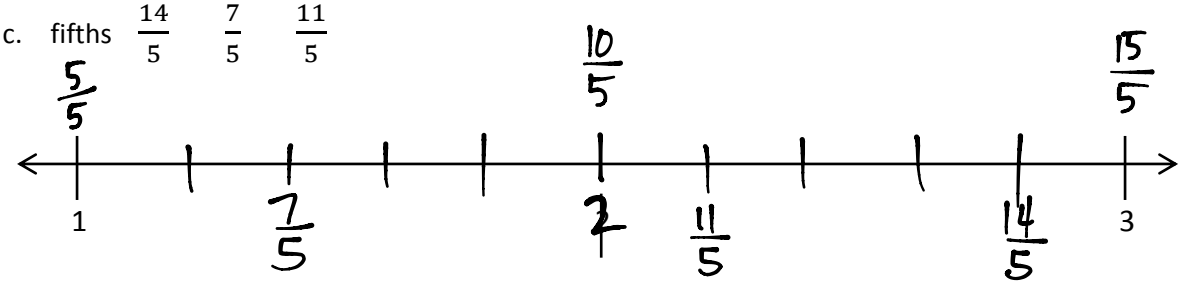
a. thirds $\frac{6}{3}$ $\frac{5}{3}$ $\frac{8}{3}$



b. sixths $\frac{10}{6}$ $\frac{18}{6}$ $\frac{15}{6}$



c. fifths $\frac{14}{5}$ $\frac{7}{5}$ $\frac{11}{5}$



2. Use the number lines above to compare the following fractions using >, <, or =.

$\frac{17}{6} > \frac{15}{6}$ $\frac{7}{3} < \frac{9}{3}$ $\frac{11}{5} > \frac{8}{5}$

$\frac{4}{3} = \frac{8}{6}$ $\frac{13}{6} < \frac{8}{3}$ $\frac{11}{6} > \frac{5}{3}$

$\frac{10}{6} > \frac{3}{3}$ $\frac{6}{3} = \frac{12}{6}$ $\frac{15}{5} > \frac{5}{3}$

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Answers will vary for #3, #4, and #5.

3. Use fractions from the number lines in Problem 1. Complete the sentence. Use a words, pictures, or numbers to explain how you made that comparison.

$\frac{8}{3}$ is greater than $\frac{5}{3}$.

$\frac{8}{3}$ is greater than $\frac{5}{3}$ because it is further to the right on the number line.

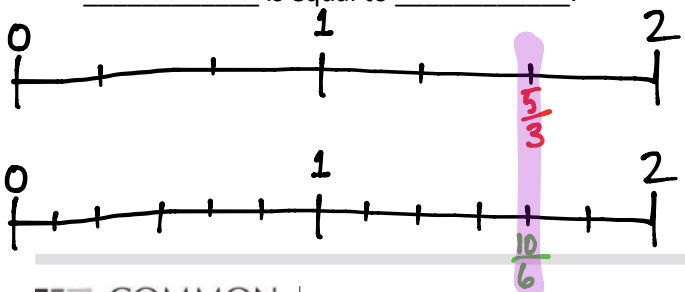
4. Use fractions from the number lines in Problem 1. Complete the sentence. Use a words, pictures, or numbers to explain how you made that comparison.

$\frac{10}{6}$ is less than $\frac{15}{6}$.

Since $\frac{12}{6} = 2$, we know that $\frac{10}{6}$ is less than 2 and $\frac{15}{6}$ is greater than 2. So, $\frac{10}{6}$ must be less than $\frac{15}{6}$.

5. Use fractions from the number lines in Problem 1. Complete the sentence. Use a words, pictures, or numbers to explain how you made that comparison.

$\frac{5}{3}$ is equal to $\frac{10}{6}$.



$\frac{5}{3}$ is equal to $\frac{10}{6}$ because they occupy the same location on the number line.

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