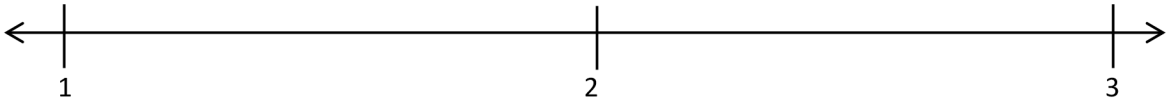
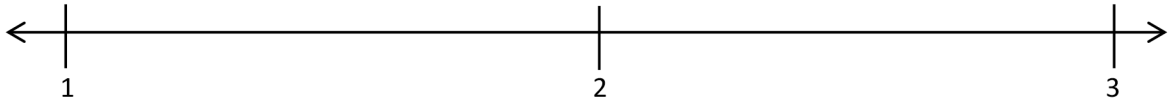
Name _____ Date _____

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

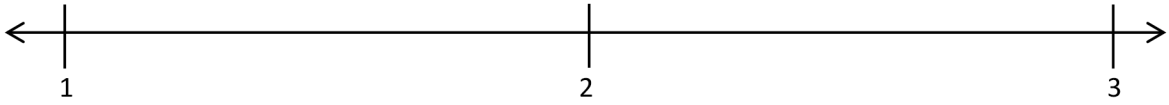
a. thirds $\frac{6}{3}$ $\frac{5}{3}$ $\frac{8}{3}$



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 =.

$\frac{17}{6}$ ◯ $\frac{15}{6}$ $\quad$ $\frac{7}{3}$ ◯ $\frac{9}{3}$ $\quad$ $\frac{11}{5}$ ◯ $\frac{8}{5}$

$\frac{4}{3}$ ◯ $\frac{8}{6}$ $\quad$ $\frac{13}{6}$ ◯ $\frac{8}{3}$ $\quad$ $\frac{11}{6}$ ◯ $\frac{5}{3}$

$\frac{10}{6}$ ◯ $\frac{3}{3}$ $\quad$ $\frac{6}{3}$ ◯ $\frac{12}{6}$ $\quad$ $\frac{15}{5}$ ◯ $\frac{5}{3}$

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

_____ is *greater than* _____.

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

_____ is *less than* _____.

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

_____ is *equal to* _____.

Answer Key

1. a. Number line divided into thirds; given fractions placed; each whole written correctly as a fraction
   b. Number line divided into sixths; given fractions placed; each whole written correctly as a fraction
   c. Number line divided into fifths; given fractions placed; each whole written correctly as a fraction
2. Row 1: >, <, >

   Row 2: =, <, >

   Row 3: >, =, >
3. Answers will vary.
4. Answers will vary.
5. Answers will vary.