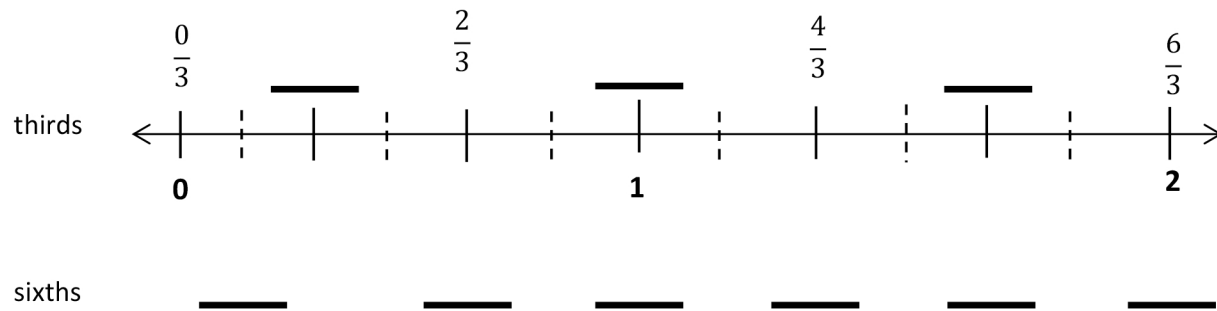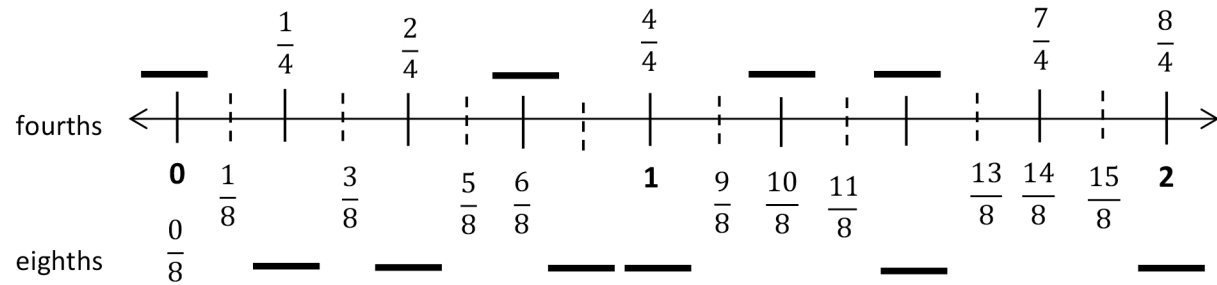Name _____   Date _____

1. Use the fractional units on the left to count up on the number line. Label the missing fractions on the blanks.

2. Use the number lines above to:
   ▪ Color fractions equal to 1 purple.
   ▪ Color fractions equal to 2 fourths yellow.
   ▪ Color fractions equal to 2 blue.
   ▪ Color fractions equal to 5 thirds green.
   ▪ Write a pair of fractions that are equivalent.

   _____ = _____

3. Use the number lines on the previous page to make the number sentences true.

$$\frac{1}{4} = \frac{}{8} \qquad \frac{6}{4} = \frac{12}{} \qquad \frac{2}{3} = \frac{}{6}$$

$$\frac{6}{3} = \frac{12}{} \qquad \frac{3}{3} = \frac{}{6} \qquad 2 = \frac{8}{4} = \frac{}{8}$$

4. Mr. Fairfax ordered 3 large pizzas for a class party. Group A ate $\frac{6}{6}$ of the first pizza, and Group B ate $\frac{8}{6}$ of the remaining pizza. During the party, the class discussed which group ate more pizza.

   a. Did Group A or B eat more pizza? Use words and and pictures to explain your answer to the class.

   b. Later, Group C ate all remaining slices of pizza. What fraction of the pizza did group C eat? Use words and pictures to explain your answer.

Answer Key

1. $\frac{1}{4}$: $\frac{0}{4}$, $\frac{3}{4}$, $\frac{5}{4}$, $\frac{6}{4}$; $\frac{1}{8}$: $\frac{2}{8}$, $\frac{4}{8}$, $\frac{7}{8}$, $\frac{8}{8}$, $\frac{12}{8}$, $\frac{16}{8}$

   $\frac{1}{3}$: $\frac{1}{3}$, $\frac{3}{3}$, $\frac{5}{3}$; $\frac{1}{6}$: $\frac{1}{6}$, $\frac{4}{6}$, $\frac{6}{6}$, $\frac{8}{6}$, $\frac{10}{6}$, $\frac{12}{6}$

2. Shaded purple: $\frac{4}{4}$, 1, $\frac{8}{8}$; $\frac{3}{3}$, 1, $\frac{6}{6}$

   Shaded yellow: $\frac{2}{4}$, $\frac{4}{8}$

   Shaded blue: $\frac{8}{4}$, 2, $\frac{16}{8}$; $\frac{6}{3}$, 2, $\frac{12}{6}$

   Shaded green: $\frac{5}{3}$, $\frac{10}{6}$

   Answers will vary.

3. Row 1: $\frac{2}{8}$; $\frac{12}{8}$; $\frac{4}{6}$

   Row 2: $\frac{12}{6}$; $\frac{6}{6}$; $\frac{16}{8}$

4. a. Group B; explanations will vary.

   b. $\frac{4}{6}$ (or $\frac{2}{3}$); explanations will vary.