

Name _____

1. Draw a model to show that $\frac{2}{3} = \frac{4}{6}$.

2. Emile will use less than $\frac{1}{2}$ cup sugar for a recipe. What fraction of a cup might Emile use? Explain.

3. Missy walks $\frac{1}{3}$ mile to school. Will says that Missy walks $\frac{2}{6}$ mile to school. Is Will correct? Explain.

4. Explain how to use multiplication to find an equivalent fraction for $\frac{1}{4}$.

5. Write two fractions that are equivalent to $\frac{8}{10}$. Describe how you can show they are equivalent.

6. Compare the fractions to $\frac{2}{3}$. Write each fraction in the correct answer space.

Less Than $\frac{2}{3}$	Equal to $\frac{2}{3}$	Greater Than $\frac{2}{3}$

$\frac{1}{2}$ $\frac{8}{12}$ $\frac{3}{8}$ $\frac{10}{15}$ $\frac{4}{5}$ $\frac{9}{10}$

7. Kenny ate $\frac{1}{8}$ of a large cake and Gail ate $\frac{2}{4}$ of a small cake. Who ate more? Explain.

- (A) The two cakes are different sizes, so it is impossible to compare the fractions to see who ate more.
- (B) Because $\frac{1}{8} < \frac{2}{4}$, Gail ate more.
- (C) Because Gail's cake was smaller than Kenny's cake, Kenny ate more.
- (D) Kenny and Gail ate the same amount because $\frac{1}{8}$ is the same as $\frac{2}{4}$.

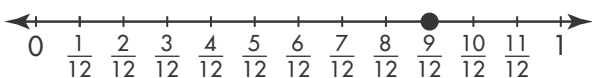
8. The Nanduri family set a goal to walk a certain number of miles in May. After the first week, they checked in with each other to see how much of the goal each had completed.

Fraction Walked	
Mr. Nanduri	$\frac{1}{3}$
Mrs. Nanduri	$\frac{1}{4}$
Giva	$\frac{2}{5}$
Kanan	$\frac{3}{12}$

- A. Who reached the greatest fraction of their goal?

- B. Name the two family members who walked the same fraction of their goal. Explain.

9. Lizzy found a fraction equivalent to the one shown on the number line. Which fraction could Lizzy have found? Explain.



- (A) $\frac{3}{4}$ because $\frac{9}{12} \div \frac{3}{3} = \frac{3}{4}$
 (B) $\frac{4}{10}$ because $\frac{9}{12} - \frac{5}{2} = \frac{4}{10}$
 (C) $\frac{3}{8}$ because $\frac{9}{12} \div \frac{3}{3} = \frac{3}{8}$
 (D) $\frac{1}{3}$ because $\frac{9}{12} \div \frac{4}{4} = \frac{1}{3}$

10. Jane and Richard each painted about $\frac{1}{5}$ of their own birdhouse. Jane painted more than Richard. Draw a picture and explain how that is possible.

11. Order $\frac{4}{5}, \frac{1}{4}, \frac{6}{8}, \frac{5}{9}$ from least to greatest.

12. Only one of the comparisons below is incorrect. Which is incorrect? What benchmark was used to check your answer?

- (A) $\frac{1}{4} < \frac{1}{3}$; I used $\frac{1}{2}$ as a benchmark.
 (B) $\frac{3}{8} > \frac{1}{4}$; I used $\frac{1}{2}$ as a benchmark.
 (C) $\frac{2}{3} = \frac{5}{6}$; I used $\frac{3}{4}$ as a benchmark.
 (D) $\frac{1}{3} < \frac{2}{5}$; I used $\frac{3}{5}$ as a benchmark.

13. Use $\frac{1}{2}$ as a benchmark to compare $\frac{3}{8}$ and $\frac{4}{6}$.