MATH PARENT GUIDE - UNIT 3

IMPORTANT CONCEPTS YOUR STUDENT SHOULD KNOW AND ACTIVITIES TO DO AT HOME

Equivalent Fractions and Comparing Fractions

Important Concepts Addressed in this Unit

- Recognize a fraction.
- Model a fraction using fraction bars, fraction towers, pictures, and number lines.
- Explain why two fractions are equivalent by using visual fraction models.
- Identify equivalent fractions.
- Create equivalent fractions.
- Solve word problems involving equivalent fractions.

- Compare two or more fractions using fractions, bars, fraction towers, pictures, and number lines.
- Compare two or more fractions using <,>, or =.
- Solve word problems involving comparing fractions.

Key Words To Know

fraction: A way to describe a part of a whole or a part of a group by using equal parts.
numerator: The number written above the line in a fraction. It tells how many equal parts are in the fraction.
denominator: The number written below the line in a fraction. It tells how many equal parts are in the whole.
equivalent fraction: Fractions that have the same value.

How You Can Help Your Student

Interactive Learning Games: Playing games is a wonderful way to practice skills at home in a fun environment.

http://mrnussbaum.com/sushi-fractions/
http://mrnussbaum.com/sand-dollar-exchange-2/
http://pbskids.org/cyberchase/math-games/melvins-make-match/
https://www.mathplayground.com/Triplets/index.html
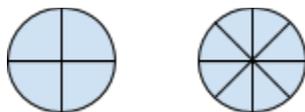http://mrnussbaum.com/tonyfraction/
http://mrnussbaum.com/dolphins

Sample Problems

- What fraction does the dot represent on the number line?

- Compare the fractions $\frac{2}{3}$ ____ $\frac{5}{6}$
- Using the models below, compare the two fractions

- $\frac{2}{3} = \frac{4}{6}$

- Billy ate $\frac{4}{10}$ of a pizza. Jim's pizza had 5 slices of pizza. He ate the same amount of pizza as Billy. What fraction of the pizza did Jim eat?   Answer: $\frac{2}{5}$
- John and Blake each had the same size pizza. John ate $\frac{1}{4}$ of his pizza. Blake ate 3 of his 8 slices. Who ate more?   Answer: Blake, because $\frac{3}{8}$ is more than $\frac{1}{4}$.
- $\frac{6}{9} = \frac{?}{27}$? = 18