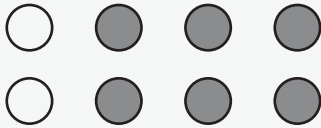Name _____

Fraction Equivalence and Ordering

Dear Family,

   Your child is learning about fractions. An important part of this lesson is identifying equivalent fractions. Equivalent fractions name the same part of a whole. Ask your child to explain how to use the picture below to show that $\frac{6}{8}$ is the same as $\frac{3}{4}$.

○ ● ● ●
○ ● ● ●

   Help your child practice using fractions by playing this game.

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Fraction Dominoes

Materials index cards and pencil

Make a set of fraction dominoes. Draw a line down the middle of an index card. Then write a fraction on each half of the card. Make fraction dominoes for all the fractions with denominators of 2, 3, 4, 6, and 8. (Fractions with a denominator of 3 are $\frac{1}{3}$, $\frac{2}{3}$, and $\frac{3}{3}$.) You may use a fraction more than once.

Step 1 Place the fraction dominoes face down and mix them. Each player picks 6 from the pile.

Step 2 Have your child lay down the first fraction domino face up. Take turns adding to either end of the fraction domino chain. A player can place a fraction domino that has the same denominator or one that has an equivalent fraction. Suppose, for example, that a fraction domino with $\frac{1}{3}$ and $\frac{2}{8}$ is used. Here are two possible moves.

| $\frac{1}{3}$ | $\frac{2}{8}$ | | $\frac{1}{4}$ | $\frac{1}{6}$ | or | $\frac{2}{8}$ | $\frac{1}{3}$ | | $\frac{2}{6}$ | $\frac{3}{3}$ |