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LESSON 11-3

Fractions and Circle Graphs

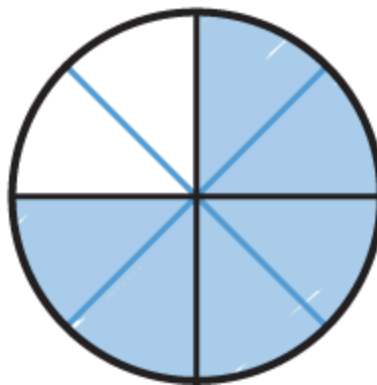
 [MA.3.FR.1.1](#), [MA.3.FR.1.2](#), [MA.3.FR.2.2](#), [MA.3.DP.1.2](#), [MTR.1.1](#), [MTR.2.1](#), [MTR.3.1](#), [MTR.4.1](#)

For more help with this lesson, view the [Visual Learning Animation](#) or the [Another Look Video](#).

MATH HELP AT HOME

Sample Additional Practice Exercise 1

Divide the circle graph to show that $34 = 68$.



The circle is divided into 4 equal parts. Color 3 of the 4 parts to show 34 . Draw diagonal lines to divide each fourth into 2 eighths. Count the eighths that are colored. There are 6. Now the circle graph shows $34 = 68$.

HOME ACTIVITY

Processing math: 100%

Create Circle Graphs

MATERIALS

Paper, Pencil, Cup, Colored Pencils

ACTIVITY

Trace around the bottom of a cup 4 times to draw 4 circles. Help your child draw lines through the center of each circle to divide it into equal parts, then color the circle as described.

Circle 1: Draw one line to divide a circle into equal halves. Color each half a different color.

Circle 2: Draw two lines to divide a circle into equal fourths. Use 2 different colors to color $\frac{1}{4}$ and $\frac{1}{4}$.

Circle 3: Draw three lines to divide a circle into equal sixths. Use 3 different colors to color $\frac{1}{6}$, $\frac{2}{6}$, and $\frac{1}{6}$.

Circle 4: Draw four lines to divide a circle into equal eighths. Use 3 different colors to color $\frac{1}{8}$, $\frac{3}{8}$, and $\frac{1}{8}$.

After coloring, ask your child to look for equivalent fractions that show the same amount of the circle colored: $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$.