Lesson **8-4**

Additional Practice

Name _____

Review

You can use the benchmark numbers $\frac{1}{2}$ and 1 to compare fractions. Compare $\frac{2}{6}$ and $\frac{6}{10}$ using the benchmark number $\frac{1}{2}$.

You know that $\frac{3}{6}$ is equal to $\frac{1}{2}$, and $\frac{5}{10}$ is equal to $\frac{1}{2}$.

$\frac{2}{6}$ is less than $\frac{1}{2}$, and $\frac{6}{10}$ is greater than $\frac{1}{2}$.

So, $\frac{2}{6} < \frac{6}{10}$.

Write *less than* or *greater than* to compare each fraction to $\frac{1}{2}$. Then write > or < to compare the fractions.

1. $\frac{3}{4}$ is _____ $\frac{1}{2}$.

$\frac{3}{10}$ is _____ $\frac{1}{2}$.

$\frac{3}{4} \bigcirc \frac{3}{10}$

2. $\frac{2}{5}$ is _____ $\frac{1}{2}$.

$\frac{7}{12}$ is _____ $\frac{1}{2}$.

$\frac{2}{5} \bigcirc \frac{7}{12}$

LIVEWORKSHEETS

Write *less than* or *greater than* to compare each fraction to 1. Then write > or < to compare the fractions.

3. $\frac{9}{10}$ is _____ 1.

$\frac{6}{5}$ is _____ 1.

$\frac{9}{10}$ ◯ $\frac{6}{5}$

4. $\frac{15}{12}$ is _____ 1.

$\frac{6}{8}$ is _____ 1.

$\frac{15}{12}$ ◯ $\frac{6}{8}$

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5. Bridgette spends $\frac{4}{12}$ of an hour playing basketball and $\frac{5}{8}$ of an hour playing the violin. Does Bridgette spend more time playing the violin than playing basketball? Use pictures, numbers, or words to explain your reasoning.

6. Philip runs $\frac{11}{10}$ lap and Howard runs $\frac{5}{6}$ lap around a track. Who runs farther? Use pictures, numbers, or words to explain your reasoning.

7. Write one fraction that is greater than 1 and one fraction that is less than 1. Compare the fractions using pictures, numbers, or words to explain your reasoning.

Math @ Home Activity

Help your child practice comparing fractions to benchmark numbers by considering fractions around your home. First, identify fractions around your home. Then have your child determine whether each fraction is less than or greater than $\frac{1}{2}$ and whether each fraction is less than or greater than 1. Fractions around your home might be that $\frac{1}{3}$ of your utensils are spoons, $\frac{5}{6}$ of the rooms are painted tan, or $\frac{3}{4}$ of the family members are females.

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