Name: _____ Class: _____

COMPARE FRACTIONS USE BENCHMARKS

1. Compare fractions.

a. Compare $\frac{6}{8}$ and $\frac{11}{9}$.

Because $\frac{6}{8}$ ☐ 1 and 1 ☐ $\frac{11}{9}$

So, $\frac{6}{8}$ ☐ $\frac{11}{9}$.

b. Compare $\frac{3}{5}$ and $\frac{2}{7}$.

Because $\frac{3}{5}$ ☐ $\frac{1}{2}$ and $\frac{1}{2}$ ☐ $\frac{2}{7}$

So, $\frac{3}{5}$ ☐ $\frac{2}{7}$.

c. Compare $\frac{9}{7}$ and $\frac{5}{6}$.

Because $\frac{9}{7}$ ☐ 1 and 1 ☐ $\frac{5}{6}$

So, $\frac{9}{7}$ ☐ $\frac{5}{6}$.

d. Compare $\frac{7}{12}$ and $\frac{6}{14}$.

Because $\frac{7}{12}$ ☐ $\frac{1}{2}$ and $\frac{1}{2}$ ☐ $\frac{6}{14}$

So, $\frac{7}{12}$ ☐ $\frac{6}{14}$.

2. Compare fractions.

$\frac{8}{7}$ ◯ $\frac{2}{3}$ $\quad$ $\frac{5}{9}$ ◯ $\frac{1}{4}$ $\quad$ $\frac{9}{13}$ ◯ $\frac{6}{5}$ $\quad$ $\frac{10}{20}$ ◯ $\frac{11}{18}$

3. Which of these comparisons are correct? Choose all that apply.

$\frac{6}{13} > \frac{5}{7}$ ☐ $\quad$ $\frac{4}{7} < \frac{1}{2}$ ☐ $\quad$ $\frac{7}{12} < \frac{10}{10}$ ☐

$\frac{9}{16} > \frac{1}{3}$ ☐ $\quad$ $\frac{8}{8} = 1$ ☐ $\quad$ $\frac{7}{18} < \frac{3}{4}$ ☐

4. Two buckets are the same size. Bucket #1 is $\frac{5}{9}$ full of water. Bucket #2 is $\frac{3}{10}$ full of water.

Which bucket has less water?

_____, because $\frac{5}{9}$ ☐ $\frac{1}{2}$ and $\frac{1}{2}$ ☐ $\frac{3}{10}$ so $\frac{5}{9}$ ☐ $\frac{3}{10}$.

_____ has less water.