# G5 Compare Fractions Class worksheet Part 2

Name:

**Mathematical Practices** **Be Precise** Compare each pair of fractions by drawing models or using the LCD. Use the symbols <, >, or =.

**8.** $\frac{2}{3}$ ◯ $\frac{3}{4}$

LCD of 3 and 4 is ___

3: 1 x 3 (1 x 3)

4: __ x __ (2 x 2)

LCM of 3 and 4: 3 x 2 x ___ = ___

$\frac{2}{3} = \frac{}{12}$ (x4) $\frac{3}{4} = \frac{}{12}$ (x)

8 ◯ 9

**9.** $\frac{1}{5}$ ◯ $\frac{3}{15}$

LCD of 5: 1 x ___

" of 15: ___ x 5

LCM of 5 and 15 is ___ x ___ = ___

$\frac{1}{5} = \frac{}{15}$ (x3) $\frac{3}{15} = \frac{}{15}$ (x1)

3 ◯ 3

**Compare $\frac{3}{5}$ and $\frac{1}{2}$ using the least common denominator.**

1 Find the LCM of the denominators.

5: 0, , 10, 15, 20, 25, ...

2: 0, 2, 4, , 8, 10, 12, ...

The LCM of 2 and 5 is ___

2 Find equivalent fractions with a denominator of ___.

$\frac{3}{5} = \frac{3 \times 2}{5 \times 2} = \frac{\square}{\square}$ $\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{\square}{\square}$

3 Compare the numerators.

Since 6 > 5, $\frac{\square}{\square} > \frac{\square}{\square}$. So, $\frac{3}{5}$ ◯ $\frac{1}{2}$.

**Check** The models show that $\frac{3}{5} > \frac{1}{2}$.


| Runner | Amount (bottle) |
|---|---|
| Ayman | $\frac{3}{5}$ |
| Majed | $\frac{5}{8}$ |
| Mansour | $\frac{3}{4}$ |
| Ismail | $\frac{5}{10}$ |

**14.** The amounts of water four runners drank are shown at the right. Who drank the most?