

## 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.  $\frac{2}{3} \bigcirc \frac{3}{4}$

Handwritten work:  
 LCD of 3 and 4 is 12  
 $\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \frac{8}{12}$   
 $\frac{3}{4} = \frac{3 \times 3}{4 \times 3} = \frac{9}{12}$   
 $8 < 9$

9.  $\frac{1}{5} \bigcirc \frac{3}{15}$

Handwritten work:  
 LCD of 5 and 15 is 15  
 $\frac{1}{5} = \frac{1 \times 3}{5 \times 3} = \frac{3}{15}$   
 $\frac{3}{15} = \frac{3}{15}$   
 $3 = 3$

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

1 Find the LCM of the denominators.

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

2: 0, 2, 4, 6, 8, 10, 12, ...

The LCM of 2 and 5 is 10.

2 Find equivalent fractions with a denominator of 10.

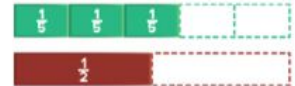
$\frac{3}{5} = \frac{3 \times 2}{5 \times 2} = \frac{6}{10}$

$\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{5}{10}$

3 Compare the numerators.

Since  $6 > 5$ ,  $\frac{6}{10} > \frac{5}{10}$ . 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?