G5 Compare Fractions PART 2

Name:

Compare each pair of fractions by drawing models or using the LCD. Use the symbols <, >, or =.

1. $\frac{3}{4}$ ◯ $\frac{7}{8}$

4: ___X___

8: ___X___X___

LCD of $\frac{3}{4}$ and $\frac{7}{8}$ is ___X___X___ = ___

$\frac{3}{4} = \frac{}{8}$ $\frac{7}{8} = \frac{}{8}$

×2

6 ◯ 7

2. $\frac{1}{3}$ ◯ $\frac{3}{9}$

3: __,6,__,12,15,18,····

9: __,18,27,36,45,···

LCD of $\frac{1}{3}$ and $\frac{3}{9}$ is ___

×3
$\frac{1}{3} = \frac{}{}$
×3

×1
$\frac{3}{9} = \frac{}{}$
×1

3 ◯ 3

3. $\frac{3}{4}$ ◯ $\frac{2}{3}$

4: 4,8,__,16,20,24,···

3: 3,6,__,12,15,18,···

LCM of 4 and 3 is ___

×3
$\frac{3}{4} = \frac{}{12}$
×

×
$\frac{2}{3} = \frac{8}{}$
×4

9 ◯ 8

Problem Solving

4. A survey showed that $\frac{7}{15}$ of a class liked football and $\frac{2}{5}$ liked tennis. Which sport was liked less?

_____

5. The fifth graders were given sandwiches for lunch during their field trip. Mahmoud ate $\frac{5}{6}$ of his sandwich, Mohammad ate $\frac{7}{8}$ of his sandwich, and Nasser ate $\frac{5}{8}$ of his sandwich. Who ate the greatest amount of their sandwich?

_____

Test Practice

8. Eighteen out of 24 of Suhaila's audiobooks are novels. Five out of 8 of Huda's audiobooks are novels. Which is a true statement?

Ⓐ Half of each audiobook collection consists of novels.

Ⓑ Less than half of each audiobook collection consists of novels.

Ⓒ Suhaila has a greater fraction of novels than Huda.

Ⓓ Huda has a greater fraction of novels than Suhaila.