



4

# Common Core State Standards

**Standard:**  
**4.NF.2**

**Grade 4**

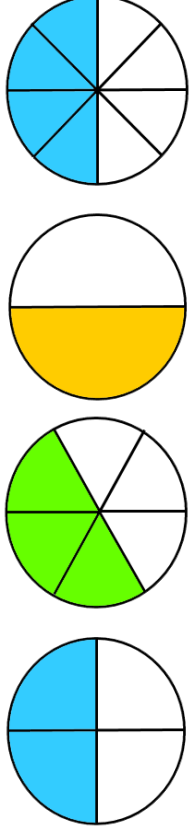
**Made for teachers,  
by teachers.**

**Worksheets and Activities  
that teach every standard!**

# Common Core State Standards

Compare two fractions with different numerators and different denominators, e.g., by creating common denominators or numerators, or by comparing to a benchmark fraction such as  $\frac{1}{2}$ . Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with symbols  $>$ ,  $=$ , or  $<$ , and justify the conclusions, e.g., by using a visual fraction model.

# Let's Compare Fractions!



Compare two fractions with different numerators and different denominators, e.g., by creating common denominators or numerators, or by comparing to a benchmark fraction such as  $\frac{1}{2}$ . Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with symbols  $>$ ,  $=$ , or  $<$ , and justify the conclusions, e.g., by using a visual fraction model.

Play Fraction War to compare fractions with symbols  $>$ ,  $=$ , or  $<$ .  
Remember to create common denominators before comparing! The player that has the bigger fraction wins the cards.

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**NAME:** \_\_\_\_\_

Your card	Symbol	Your partner's card

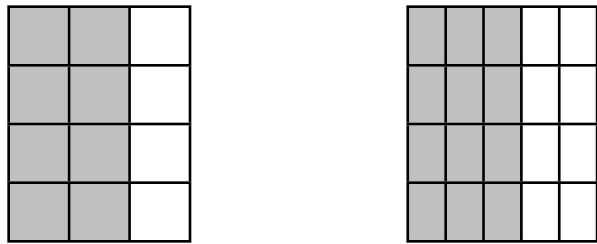
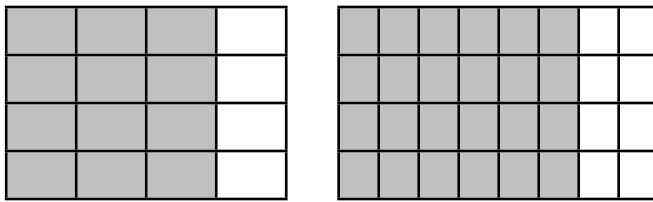
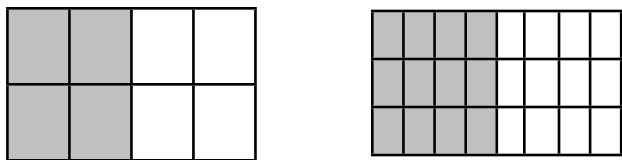
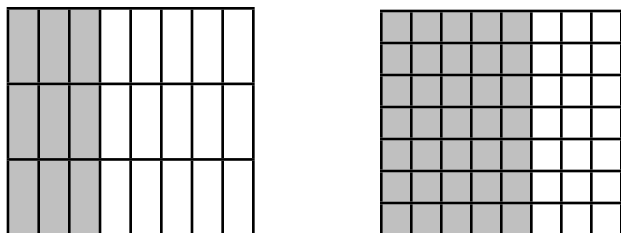
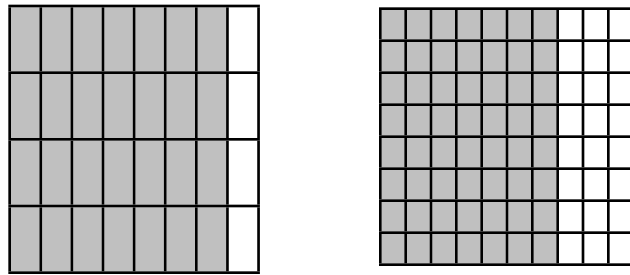
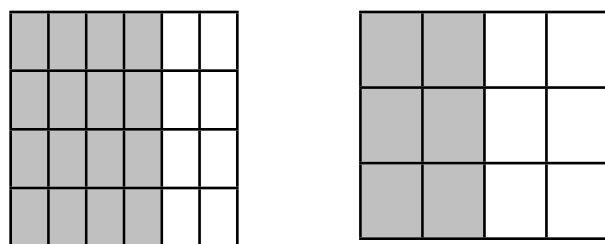
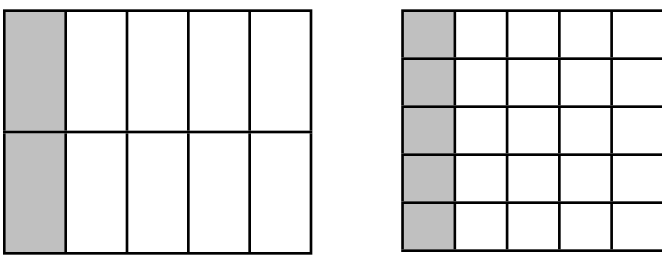
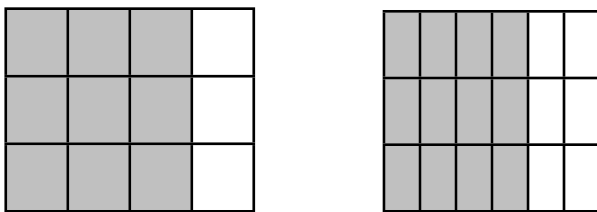
## Comparing Fractions

**Directions:** Look at the fractions below. Find the common denominator for both. Write the greater than, less than, or equal to sign to compare the fractions.

$\frac{3}{6} \square \frac{5}{8}$ $\frac{12}{24} \quad \frac{15}{24}$	$\frac{7}{9} \square \frac{2}{8}$	$\frac{1}{6} \square \frac{3}{7}$	$\frac{2}{9} \square \frac{3}{7}$
$\frac{4}{7} \square \frac{5}{6}$	$\frac{4}{9} \square \frac{3}{8}$	$\frac{8}{9} \square \frac{3}{5}$	$\frac{7}{8} \square \frac{2}{6}$
$\frac{6}{9} \square \frac{5}{7}$	$\frac{6}{8} \square \frac{2}{9}$	$\frac{6}{7} \square \frac{4}{9}$	$\frac{4}{8} \square \frac{3}{5}$
$\frac{4}{6} \square \frac{3}{7}$	$\frac{2}{3} \square \frac{4}{7}$	$\frac{2}{9} \square \frac{2}{3}$	$\frac{1}{6} \square \frac{6}{9}$
$\frac{7}{10} \square \frac{2}{13}$	$\frac{4}{12} \square \frac{3}{9}$	$\frac{5}{12} \square \frac{6}{7}$	$\frac{1}{8} \square \frac{2}{7}$
$\frac{4}{7} \square \frac{8}{9}$	$\frac{5}{15} \square \frac{7}{12}$	$\frac{6}{14} \square \frac{7}{10}$	$\frac{5}{12} \square \frac{6}{18}$

# More? Less? Equal?

**Directions:** Look at the fraction models below. Write the fraction each model represents. Convert the fractions to common denominators to determine which is greater, less, or if they are equal.

<p>1.</p>  <p>_____ <input type="text"/> _____</p>	<p>2.</p>  <p>_____ <input type="text"/> _____</p>
<p>3.</p>  <p>_____ <input type="text"/> _____</p>	<p>4.</p>  <p>_____ <input type="text"/> _____</p>
<p>5.</p>  <p>_____ <input type="text"/> _____</p>	<p>6.</p>  <p>_____ <input type="text"/> _____</p>
<p>7.</p>  <p>_____ <input type="text"/> _____</p>	<p>8.</p>  <p>_____ <input type="text"/> _____</p>



# Comparing Fraction Models

**Directions:** Look at the fraction models below. Write the fraction each model represents. Convert the fractions to common denominators to determine which is greater, less, or if they are equal.

1.

\_\_\_\_\_

\_\_\_\_\_

2.

\_\_\_\_\_

\_\_\_\_\_

3.

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\_\_\_\_\_

\_\_\_\_\_

8.

\_\_\_\_\_

\_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Directions: Create sets of two fractions with different numerators and denominators and compare each by putting the correct symbol in the circle between them. Use < = > to compare.. Explain in words and/or drawings how you compared each set.

## Assessment

