

# MATH UNIT 11: Comparing Fractions

## QUIZ: MARCH 3RD

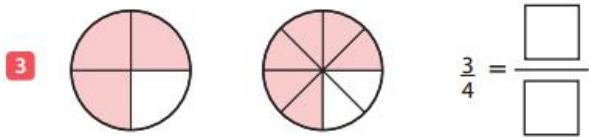
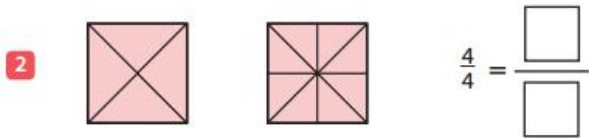
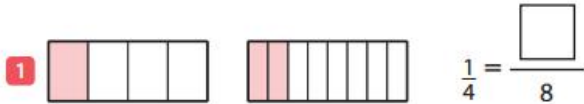
Standards Addressed: 3NFA3 & d

A. Develop understanding of fractions as numbers

3. Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size

D Compare two fractions with the same numerator or the same denominator by reasoning about their size. Recognize that comparisons are valid only when the two fractions refer to the same whole. Record the results of comparisons with the symbols  $>$ ,  $=$ , or  $<$ , and justify the conclusions, e.g. by using a visual fraction model.

Write equivalent fractions for the shaded parts.



### Vocabulary

**equivalent fractions**  
fractions that name the same number.  
 $\frac{1}{2}$  and  $\frac{2}{4}$  are equivalent.

Write the fraction for the shaded parts. Circle the fraction that is *greater*.



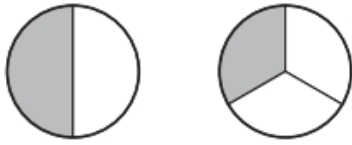
Fractions: \_\_\_\_\_



Fractions: \_\_\_\_\_

Write the fraction for the shaded parts. Circle the fraction that is *less*.

4



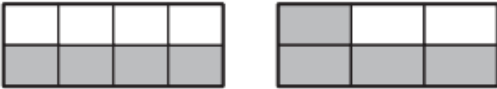
Fractions: \_\_\_\_\_

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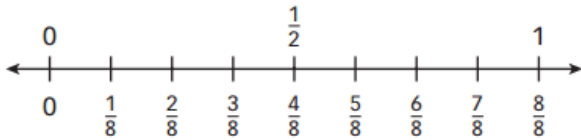
Fractions: \_\_\_\_\_

6



Fractions: \_\_\_\_\_

Use the number line to compare fractions. Write the correct words in each blank.



6  $\frac{5}{8}$  \_\_\_\_\_  $\frac{2}{8}$

7  $\frac{4}{8}$  \_\_\_\_\_  $\frac{1}{2}$

8  $\frac{1}{8}$  \_\_\_\_\_  $\frac{6}{8}$

9  $\frac{7}{8}$  \_\_\_\_\_  $\frac{5}{8}$

**Word Bank**

- is less than
- is greater than
- is equal to

Write a fraction to make the statement true.

15  $\frac{6}{8} >$  \_\_\_\_\_

16  $\frac{1}{4} >$  \_\_\_\_\_