A STORY OF UNITS

Name

Date _____

Each rectangle represents 1.

1. The shaded fractions have been decomposed into smaller units. Express the equivalent fractions in a number sentence using multiplication. The first one has been done for you.



2. Decompose both shaded fractions into twelfths. Express the equivalent fractions in a number sentence using multiplication.

b.

a.



 $\frac{2}{4} = \frac{2 \times 3}{4 \times 3} = \frac{6}{12}$



Lesson 8:

Use the area model and multiplication to show the equivalence of two fractions.

3. Draw area models to prove that the following number sentences are true.





4. Use multiplication to create an equivalent fraction for each fraction below. Answers Will Vary.



5. Determine which of the following are true number sentences. Correct those that are false by changing the right-hand side of the number sentence.



