The teacher may provide contexts for students to fair share a provided number of objects among a provided number of people so that students can explore the connection between division and fractions.

The teacher may provide a variety of fractions (e.g., $2 / 3,3 / 5,1 / 8,7 / 9$ ) so that students can explore the creation of fair share story problems using these fractions.

The teacher may provide the context of a story (e.g., multiplying jar) that multiplies or scales objects so that students can consider the impact of scaling a quantity by numbers greater than, ess than, or equal to one.


The teacher may provide the context of a story (e.g., multiplying jar) that multiplies or scales objects so that students can explore how to find product when they know the value of the multiplier.

The teacher may provide word problems containing situations where whole numbers are multiplied by fractions and vice versa so that students can begin developing efficient strategies for solving these types of problems.

The teacher may revisit the scaling context (e.g., multiplying jar) so that students can explore the connections between multiplication and division with whole numbers and unit fractions.
The teacher may provide
contexts for finding the
area of rectangles with
fractional sides and sides
with mixed numbers so
that students can connect
their understanding of
fractional multiplication to
area.


The teacher may provide a variety of equivalent fractions so that students can explore the role of the number one in creating equivalent fractions.

The teacher may provide word problems, equations, and visual models (e.g., card sets) so that students can begin to recognize appropriate operations for word problems and make connections to equations and visual model.

## PERFORMANCE ASSESSMENT: As a writer of

 children's literature, a publishing company has hired you to create a storybook about fractions for elementary students similar to the Math Curse by Jon Scieszka. Your story should include real world situations/scenarios about adding, subtracting, multiplying, and dividing fractions. Your story should include drawings and number sentences for each situation.
 Colorado Teacher-Authored Instructional Unit Sample Storyboard

