

## 5.4 Multiplication by Fractions

### In this unit students

- multiply whole numbers and fractions by fractions;
- interpret multiplication as scaling (resizing);
- solve real world problems involving fraction multiplication.

This is the first of three units focused on major work with fractions. Students begin by revisiting their work in fourth grade with multiplying fractions by whole numbers and extends it to multiplying fractions by fractions. Developing a deep conceptual understanding of multiplication as scaling helps students to extend their thinking about fractions as numbers.

Comment on this unit [here](#).



Unit Blueprint: Multiplication by Fractions  
Typeset May 4, 2016 at 23:51:00. Licensed by Illustrative Mathematics under a  
Creative Commons Attribution 4.0 International License .