

OP H Use models to decompose fractions using unit fractions as a form of division

Grade	Curriculum Expectations
1	<ul style="list-style-type: none"> • divide whole objects into parts and identify and describe, through investigation, equal-sized parts of the whole, using fractional names (e.g., halves; fourths or quarters).
3	<ul style="list-style-type: none"> • divide whole objects and sets of objects into equal parts, and identify the parts using fractional names (e.g., one half; three thirds; two fourths or two quarters), without using numbers in standard fractional notation.
6	<ul style="list-style-type: none"> • represent, compare, and order fractional amounts with unlike denominators, including proper and improper fractions and mixed numbers, using a variety of tools and using standard fractional notation;
6	<ul style="list-style-type: none"> • determine and explain, through investigation using concrete materials, drawings, and calculators, the relationships among fractions, decimal numbers, and percents.
7	<ul style="list-style-type: none"> • divide whole numbers by simple fractions and by decimal numbers to hundredths, using concrete materials;
7	<ul style="list-style-type: none"> • use a variety of mental strategies to solve problems involving the addition and subtraction of fractions and decimals;
7	<ul style="list-style-type: none"> • add and subtract fractions with simple like and unlike denominators, using a variety of tools and algorithms;
7	<ul style="list-style-type: none"> • determine, through investigation, the relationships among fractions, decimals, percents, and ratios;
8	<ul style="list-style-type: none"> • represent, compare, and order rational numbers;
8	<ul style="list-style-type: none"> • translate between equivalent forms of a number;
8	<ul style="list-style-type: none"> • use estimation when solving problems involving operations with whole numbers, decimals, percents, integers, and fractions, to help judge the reasonableness of a solution;
8	<ul style="list-style-type: none"> • represent the multiplication and division of fractions, using a variety of tools and strategies;
8	<ul style="list-style-type: none"> • solve problems involving addition, subtraction, multiplication, and division with simple fractions.