

UNIT C: Partition unit fractions to create smaller unit fractions

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).
2	<ul style="list-style-type: none"> determine, through investigation using concrete materials, the relationship between the number of fractional parts of a whole and the size of the fractional parts (e.g., a paper plate divided into fourths has larger parts than a paper plate divided into eighths) (Sample problem: Use paper squares to show which is bigger, one half of a square or one fourth of a square.).
4	<ul style="list-style-type: none"> demonstrate and explain the relationship between equivalent fractions, using concrete materials (e.g., fraction circles, fraction strips, pattern blocks) and drawings;
4	<ul style="list-style-type: none"> compare and order fractions (i.e., halves, thirds, fourths, fifths, tenths) by considering the size and the number of fractional parts (e.g., $\frac{4}{5}$ is greater than $\frac{3}{5}$ because there are more parts in $\frac{4}{5}$; $\frac{1}{4}$ is greater than $\frac{1}{5}$ because the size of the part is larger in $\frac{1}{4}$);
5	<ul style="list-style-type: none"> demonstrate and explain the concept of equivalent fractions, using concrete materials (e.g., use fraction strips to show that $\frac{3}{4}$ is equal to $\frac{9}{12}$);
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"> add and subtract fractions with simple like and unlike denominators, using a variety of tools and algorithms;
8	<ul style="list-style-type: none"> solve problems involving addition, subtraction, multiplication, and division with simple fractions.