

Focus Area Topic A:

Decompositions and Fraction Equivalence

Words to Know:

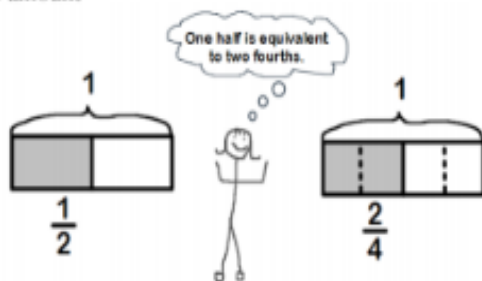
Numerator - top number in a fraction- the number of parts of the whole

Denominator -bottom number in a fraction- indicates the number of parts into which one whole is divided.

Mixed number - number made up of a whole number and a fraction

Unit fraction - fractions with numerator 1

Equivalent fractions - fractions that name the same size or amount



Fraction greater than 1 - a fraction with a numerator that is greater than the denominator

Compose -change a group of unit fractions with the same denominator to a single non-unit fraction or mixed number

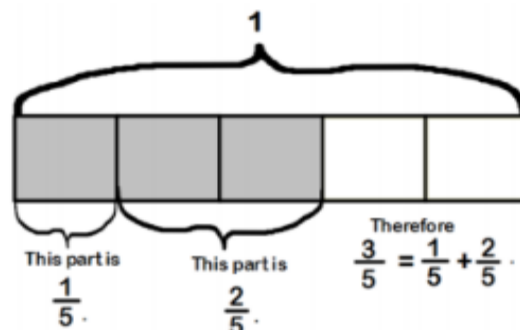
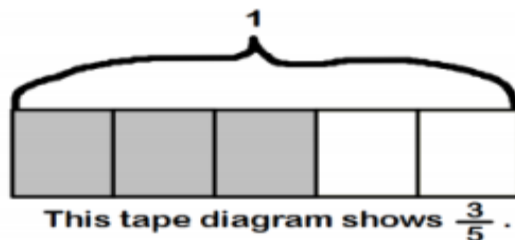
Decompose - change a non-unit fraction or mixed number to the sum of its parts or unit fractions

Focus Area – Topic A

Decompositions and Fraction Equivalence

Number Bonds and Tape Diagrams with Fractions

Students decompose fractions as unit fractions, drawing tape diagrams to represent them as sums of fractions with the same denominator in different ways.



A number bond is a graphic showing a part/part/whole relationship. In this case, the fractions $\frac{1}{5}$ and $\frac{2}{5}$ combine to make $\frac{3}{5}$.

