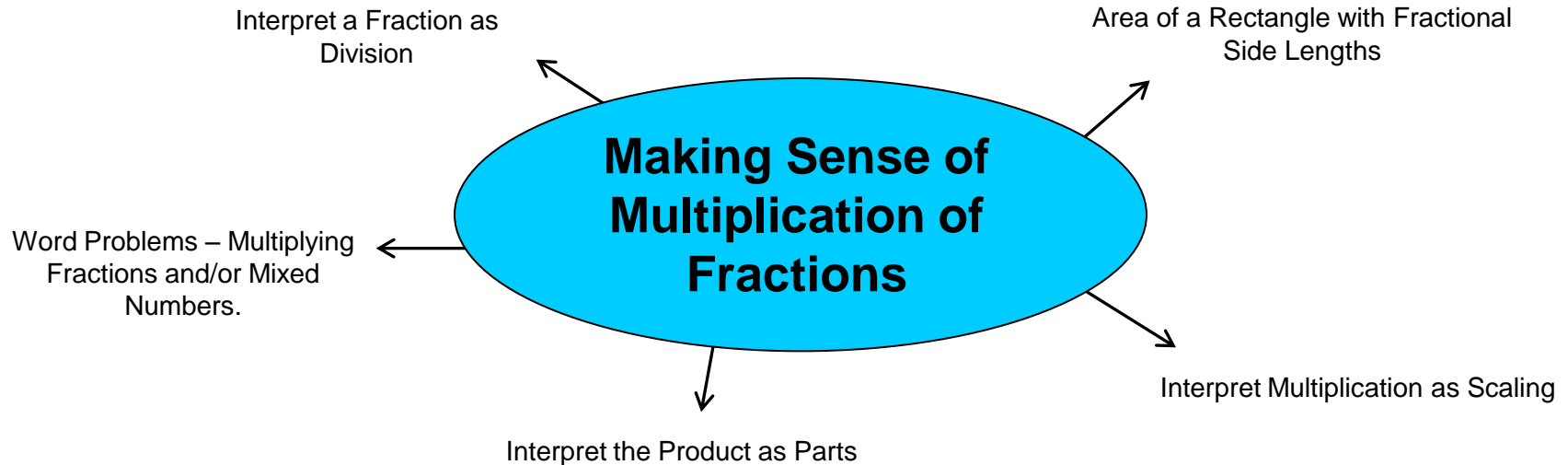


Mathematics

Grade Five - Unit 5



Essential Understandings:

- The fraction bar means division
- Fraction bar means “out of”
- Equations should represent the problem
- Division of whole numbers can result in fraction or mixed number answers
- Interpretation of the remainder
- $(a/b) \times q$ is equivalent to $a \times q \div b$
- Interpretation of multiplication of two fractions
- Area of rectangles with fractions
- Unit fraction side lengths
- Area models
- Scale factor
- Number sense with multiplication
- Multiplying a number by a fraction greater than 1 results in a number larger than the given number
- Multiplying a number by a fraction less than 1 results in a number less than the given number
- Process for multiplication of fractions by mixed numbers

Content Vocabulary:

Interpret Denominator
Numerator Equivalent
Mixed number Equation
Benchmark fractions Estimate
Unlike denominators
Reasonableness
Visual fraction model Improper
fraction
Simplest form Multiple
Factor Scale factor
Partition Tiling squares
Unit fraction Fraction bar
Area Product
Least common denominator (LCD)