

# RIGHTSTART™ MATHEMATICS OBJECTIVES FOR LEVEL F

## Numeration

- Finds squares and square roots
- Reads, writes, rounds, and compares numbers

Quarter 1	Quarter 2	Quarter 3	Quarter 4

## Multiplication and Division

- Applies commutative, associative, and distributive properties
- Multiplies multiples of 10 and exponents
- Does division using factors
- Does long division by a two-digit divisor


## Problem Solving

- Solves two-step problems involving fractions and decimals
- Uses dimensional analysis to solve problems


## Decimals and Percents

- Rounds and compares decimals to the thousandths
- Adds and subtracts decimals to three decimal places
- Divides decimals by whole numbers and decimals
- Understands and uses simple percentages
- Solves percentage problems with a calculator


## Fractions

- Adds and subtracts mixed fractions with unlike denominators
- Converts between mixed numbers and improper fractions
- Finds equivalent fractions on the multiplication table
- Multiplies and divides various fractions


## Measurement

- Understands cubic units:  $\text{cm}^3$ ,  $\text{dm}^3$ ,  $\text{in}^3$ ,  $\text{ft}^3$ , and  $\text{yd}^3$
- Uses dimensional analysis to convert measurements
- Converts measurements between SI and US customary (e.g., m to ft)


## Probability and Combinations

- Calculates the probability of an event
- Calculates probabilities
- Finds probabilities using combinations


## Coordinate Systems

- Finds locations using a coordinate system
- Makes line plots and interprets data
- Finds points on a Cartesian coordinate system using ordered pairs
- Places negative points on a Cartesian coordinate system
- Plots equations on a Cartesian coordinate system


## Geometry

- Classifies shapes by attributes
- Scales figures
- Constructs regular polygons inscribed in a circle
- Constructs inscribed circles in polygons
- Constructs inscribed squares in triangles


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