

# Common Core Breakdown

## Fourth Grade Math

### Operations and Algebraic Thinking (18%)

- Use the four operations with whole numbers to solve problems
- Gain familiarity with factors and multiples
- Generate and analyze patterns

### Geometry (11%)

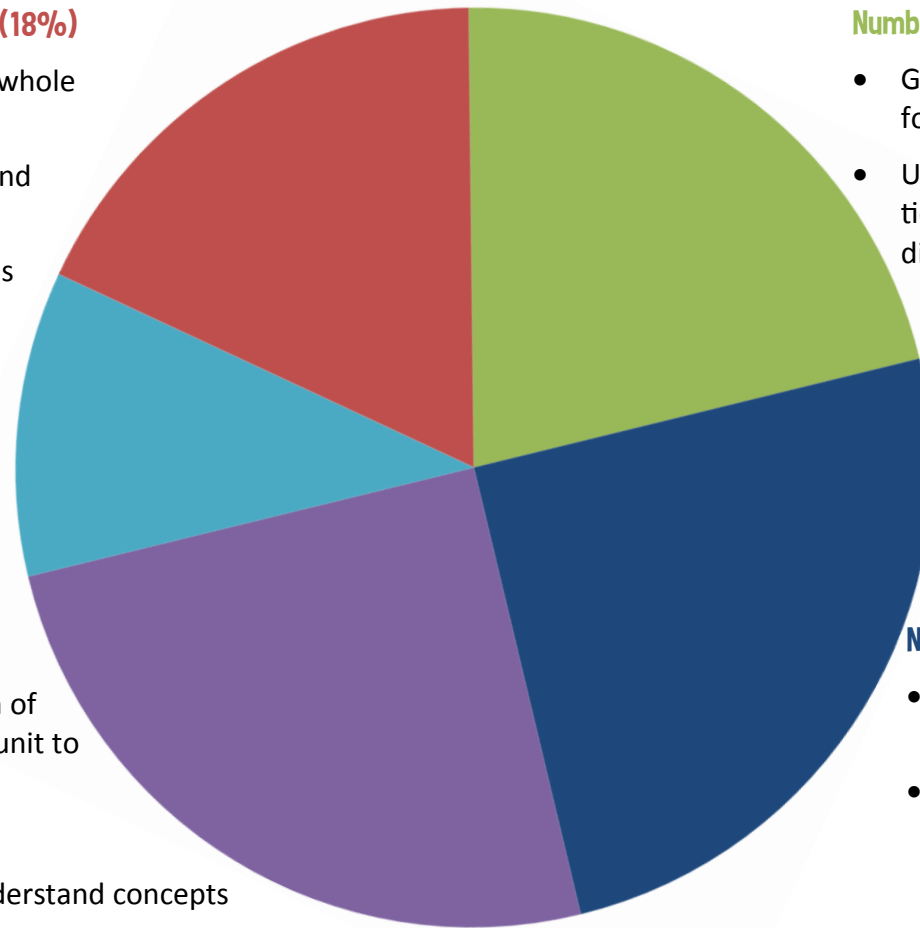
- Draw and identify lines and angles, and classify shapes by properties of their lines and angles

### Measurement and Data (25%)

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit
- Represent and interpret data
- Geometric measurement: understand concepts of angle and measure angles
- Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures

### Number and Operations in Base Ten (21%)

- Generalize place value understanding for multi-digit whole numbers
- Use place value arithmetic and properties of operations to perform multi-digit arithmetic



### Number and Operations—Fractions (25%)

- Extend understanding of fraction equivalence and ordering
- Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers
- Understand decimal notation for fractions, and compare decimal fractions