5th Grade Diocesan Placement Math Test

Study Guide

- Place value from the trillions to the millionths
- Multiply decimals
- Multiply mixed numbers
- Equivalent fractions: solving for an unknown numerator or denominator
- Divide mixed numbers
- Passing of time problems
- Multiply and divide whole numbers
- Geometry: recognize all types of figures that are similar or congruent
- Identify tick marks on a rectangle or triangle: interpret their meaning
- Graph ordered pairs on a coordinate plane
- Acute, obtuse, and right angles
- Metric measurements: meter, liter, gram
- Customary unit measurements: inch, foot, yard
- Similar and congruent shapes
- Divisibility rules: 2, 3, 4, 5, 6, and 9
- Add and Subtract whole numbers
- Place value: comparing whole numbers
- Standard form to expanded form and vice versa: write numbers in…
- Add and subtract mixed numbers with unlike denominators
- Commutative Property of Addition and Multiplication
- Associative Property of Addition and Multiplication
- Compare and order decimal numbers: least to greatest
- Identify the parts of a circle: chord, diameter, and radius
- Parallel and perpendicular lines: angle produced by intersection of lines
- Fraction, decimal, and percent equivalents
- Probability
- <u>Mean:</u> average; <u>median:</u> middle number; <u>mode:</u> most repeated number; and <u>range:</u> largest minus smallest number