

Saint Mary's Catholic School - Richmond

Examination of 6th Grade Mathematic Concepts

Number of Questions	Weight of Topic	Topic
15	10%	Number patterns, Divisibility, Prime Factors, Exponents, Order of Operations, Variables and Expressions, Solving Equations.
10	7%	Frequency Tables, Bar, Line and Circle Graphs, Making Predictions, Stem and Leaf Plots, Statistics [Mean, Median, Range, Mode], Analyzing Graphs
10	7%	Representing, Comparing and Ordering Decimals, Rounding, Adding and Subtracting Decimals, Estimating
10	7%	Multiplying and Dividing Decimals
10	7%	Fractions, GCF, Simplifying, Mixed Numbers and Improper Fractions, LCM, Fraction and Decimal conversions, Comparing Fractions
10	7%	Rounding Fractions and Mixed Numbers, Estimating, Adding and Subtracting Fractions and Mixed Numbers
10	7%	Multiplying and Dividing Mixed Numbers and Fractions, Sequences
14	9%	Adding, Subtracting, Multiply and Dividing Integers, Coordinate Planes
10	7%	Mathematic Properties and Identities, Solving Equations (including 2 -step), Functions, Graphing Functions
15	10%	Ratios, Proportions, Scale, Percents, Percents as Fractions, Percents as Decimals, Estimating with Percents
6	4%	Probability, Predictions
10	7%	Measurement in various Systems (English, Metric), Time Computations
10	7%	Perimeter, Circumference, Angle Measures, Two Dimensional Figures, Symmetry, Congruency
10	7%	Area of Two Dimensional Figures, Volume of Three Dimensional Figures
150 Total Questions		2 Hour Exam