

# MASTER GURU®

They play. They learn. They achieve!

Number in Guide	Standards & Descriptions
1	<b>Number Systems</b>
2	6N1 Whole Numbers
3	6N2-6N5 Properties
4	6N6-6N10 Rate Ratio and Proportions
5	6N11-6N12 Identify Percents
6	6N13-6N15 Absolute Value-Rational Numbers
7	7N1-7N3 Subsets of Real Numbers
8	7N4 Exponents: Mult-Div
9	7N5-7N7 Scientific Notation
10	<b>Number Theory</b>
11	7N8-7N10 Factors-Multiples-Prime Factors
12	<b>Operations</b>
13	6N16-6N18 Fractions and Mixed Numbers: Add-Subt-Mult-Div
14	6N19-6N20 Reciprocals-Repeating Decimals
15	6N21 Conversions: Fractions-Decimals-Percents
16	6N22 Order of Operations: Evaluate Expressions
17	6N23-6N25 Exponents
18	7N11 Order of Operations: Simplify Expressions
19	7N12-7N13 Integers: Add-Subt-Mult-Div
20	7N14 Exponents: Negative and Zero
21	7N15-7N17 Square Roots-Irrational Numbers
22	8N1-8N2 Exponents: Mult-Div-Evaluate Expressions
23	8N3-8N4 Percents: Tax-Interest-Commission
24	<b>Number Sense &amp; Operations: Estimation</b>
25	6N26-6N27 Estimate Percent of Quantity
26	7N18-7N19 Locate Non-Perfect Square Whole Numbers
27	8N5-8N6 Estimate Percent of Quantity Given Application
28	<b>Algebra: Variables and Expressions</b>
29	6A1 6A2 Algebraic Expressions: Translate and Evaluate
30	7A1 Algebraic Expressions: Translate and Evaluate
31	7A2 Monomials: Add-Subt
32	7A3 Polynomials: Algebraic Expressions
33	8A1-8A2 Algebraic Inequalities: Translate Verbal Expressions
34	8A6-8A9 Monomials-Binomials-Polynomials: Add-Subt-Mult-Div
35	8A10-8A11 Algebraic Expressions-Trinomials: Factor
36	<b>Algebra: Equations and Inequalities</b>
37	6A3-6A4 Two-Step Equations: Translate and Solve
38	6A5-6A6 Solve Simple Proportions-Evaluate Formulas
39	7A4 Solve Multi-Step Equations
40	7A5 Solve One-Step Inequalities
41	7A6 Surface Area-Rate-Density Problems
42	8A12-8A14 Measure of Angles-Multi-Step Inequalities-Linear Inequalities
43	<b>Algebra: Patterns Relations and Functions</b>
44	7A7-7A10 Patterns: Graphs-Algebraic-Interior Angles-Tables

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Math  
English

History  
Science

Number in Guide	Standards & Descriptions
45	8A15-8A16 Numerical Information and Patterns
46	8A17-8A19 Relations and Functions
47	<b>Geometry: Shapes</b>
48	6G1-6G2 Triangles: Area and Length of Sides - Area of Quadrilaterals
49	6G3-6G4 Area of Regular and Irregular Polygons - Volume of Rect. Prisms
50	6G5-6G9 Circles
51	7G1 Radius and Diameter
52	7G2 7G4 Prisms and Cylinders
53	7G3 2-D Shapes Make Up 3-D Shapes
54	<b>Geometry: Geometric Relationships</b>
55	7G5 7G6 7G8 7G9 Right Triangles
56	7G7 Angles: Find Missing Quadrilateral Angles
57	<b>Geometry: Coordinate Geometry</b>
58	6G10-6G11 Plot Points-Find Area of Polygons
59	7G10 Graph Solution Set of an Inequality
60	8G13-8G15 Graph a Line and Determine Slope and y-intercept
61	8G16-8G18 Equations: Determine-Graph-Solve ( $y=mx + b$ )
62	8G19 - 8G21 Linear and Non-Linear Equations-Quadratics-Graph
63	<b>Geometry: Geometric Relationships</b>
64	8G0-8G3 Angles: Congruent-Supplementary-Complementary
65	8G4-8G6 Angles: Relationships-Missing Angles
66	<b>Geometry: Transformational Geometry</b>
67	8G7-8G12 Rotations-Reflections-Translations-Dilations
68	<b>Measurement: Units of Measurement</b>
69	6M1 Rectangular Prism: Capacity and Volume
70	6M2-6M5 Capacity
71	7M1 Map Scale: Calculate Distance
72	7M2 Conversions: Capacities and Volumes
73	7M3-7M4 Mass
74	7M5-7M7 Unit Prices: Calculate-Compare & Convert Money Currencies
75	8M1 Measurements of Metric and Customary Systems
76	<b>Measurement: Estimation</b>
77	6M7-6M9: Estimate: Volume-Area-Circumference-Capacity
78	7M9-7M13 Estimate: Surface Area-Customary and Metric Units of Mass
79	<b>Statistic &amp; Probability: Collection of Data</b>
80	6S1-6S4 Collection of Data: Best Methods-Appropriate Graphs
81	6S5-6S7 Mean-Mode-Median-Range-Interpret Graphs
82	<b>Statistic &amp; Probability: Organization and Display of Data</b>
83	7S2-7S3 Circle graphs-Double Bar Graphs-Double Line Graphs
84	<b>Statistic &amp; Probability: Analysis of Data</b>
85	7S4-7S6 Range-Central Tendencies-Interpreting Graphs
86	<b>Statistic &amp; Probability: Predictions &amp; Probability</b>
87	6S8-6S11 Probability and Possible Outcomes
88	7S8-7S12 Predictions