Yearly Math Outline - Grade 6

| Chapter/lesson | (\%) | Skills/Concepts | Workbook Page | (\%) |
| :---: | :---: | :---: | :---: | :---: |
| Ch. 1/Lesson 1 |  | Find GCF/LCM | 8 |  |
| Ch. 1/Lesson 2 |  | Write Ratio in Simplest Form/Use Ratios to Compare Data | 20 |  |
| 1/3 |  | Find a Unit Rate/Unit Price | 32 |  |
| 1/4 |  | Equivalent Ratios/Use Scaling | 40 |  |
| 1/5 |  | Graph Ordered Pairs/Compare Ratios | 48 |  |
| 1/6 |  | Use Unit Rates/Use Equiv. Fractions | 60 |  |
| 1/7 |  | Solve Ratio and Rate Problems | 72 |  |
| Ch. 1 Review |  | Rates and Ratios | 83 |  |
| Ch. 2/Lesson 1 |  | Decimals and Fractions | 90 |  |
| 2/2 |  | Percents and Fractions | 102 |  |
| 2/3 |  | Percents and Decimals | 110 |  |
| 2/4 |  | Percents greater than 100\% and less than 1\% | 118 |  |
| 2/5 |  | Compare and Order Fractions, Decimals, and Percents | 130 |  |
| 2/6 |  | Estimating Percents | 139 |  |
| 2/7 |  | Percent of a Number | 148 |  |
| 2/8 |  | Solve Percent Problems | 156 |  |
| Ch. 2 Review |  | Fractions, Decimals, Percents | 167 |  |


| Ch. 3/Lesson 1 | Add and Subtract Decimals | 178 |  |
| :---: | :---: | :---: | :---: |
| 3/2 | Estimate Products | 186 |  |
| $3 / 3$ and $3 / 4$ | Multiply Decimals | 194/202 |  |
| $\begin{aligned} & 3 / 5,3 / 6,3 / 7, \text { and } \\ & 3 / 8 \end{aligned}$ | Estimating Quotients Dividing Decimals by Decimals and Decimals by Whole Numbers | 216/224/232 |  |
| Ch. 3 Review | Computing with Multi-Digit Numbers | 251 |  |
| Ch. 4/Lesson 1 | Estimating Products of Fractions | 258 |  |
| 4/2, 4/3, and 4/4 | Multiplying Fractions by Whole Numbers, Fractions, and Mixed \#'s | 266/274/282 |  |
| 4/5 | Convert Measurement Units | 290 |  |
| 4/6, 4/7, and 4/8 | Divide Fractions by Whole \#'s, Fractions, and Mixed \#'s | 306/318/326 |  |
| Ch. 4 Review | Multiply and Divide Fractions | 337 |  |
| Ch.5/Lesson 1 | Integers and Graphing | 346 |  |
| 5/2 | Absolute Value | 356 |  |
| 5/3 | Compare and Order Integers | 364 |  |
| 5/4 | Terminating and Repeating Decimals | 380 |  |
| 5/5 | Compare and Order Rational Numbers | 388 |  |
| 5/6 and 5/7 | The Coordinate Plane - Identifying/Ordering/and Reflecting | 396/404 |  |
| Ch. 5 Review | Integers and the Coordinate Plane | 419 |  |
| Ch. 6/Lesson 1 | Powers and Exponents | 434 |  |
| 6/2 | Numerical Expressions/Order of Operations (PEMDAS) | 442 |  |
| 6/3 and 6/4 | Algebra: Variables and Expressions/Writing Expressions | 450/462 |  |


| 6/5 | Algebra: Properties | 474 |  |
| :---: | :---: | :---: | :---: |
| 6/6 | The Distributive Property | 486 |  |
| 6/7 | Equivalent Expressions | 496 |  |
| Ch. 6 Review | Expressions | 507 |  |
| Ch. 7/Lesson 1 | Equations | 510 |  |
| 7/2 and 7/3 | Solve and Write Addition and Subtraction Equations | 526/536 |  |
| 7/4 and 7/5 | Solve and Write Multiplication and Division Equations | 552/562 |  |
| Ch. 7 Review | Equations | 573 |  |
| Ch. 8/Lesson 1, 2 , and 3 | Function Tables/Rules/Equations | 580/588/596 |  |
| 8/4 | Multiple Representations of Functions (GETW) | 604 |  |
| 8/5, 8/6, and 8/7 | Inequalities/Write and Graph Inequalities/Solve Inequalities | 636 |  |
| Ch. 8 Review | Functions and Inequalities | 647 |  |
| Ch. 9/Lesson 1, 2 , and 3 | Area of Parallelograms/Triangles/Trapezoids | 662/674/686 |  |
| 9/4 | Changes in Dimension | 698 |  |
| 9/5 | Polygons on the Coordinate Plane | 706 |  |
| 9/6 | Area of Composite Figures | 718 |  |
| Ch. 9 Review | Area | 729 |  |
| Ch. 10/Lesson 1 | Volume of Rectangular Prisms | 732 |  |
| 10/2 | Volume of Triangular Prisms | 748 |  |
| 10/3 | Surface Area of Rectangular Prisms | 764 |  |


| 10/4 | Surface Area of Triangular Prisms | 774 |  |
| :---: | :---: | :---: | :---: |
| 10/5 | Surface Area of Pyramids | 784 |  |
| Ch. 10 Review | Volume and Surface Area | 795 |  |
| Ch. 11/Lesson 1 and 2 | Mean <br> Median and Mode | 810/818 |  |
| 11/3 | Measures of Variation (Q1, Q3, IQR, Range) and Outliers | 830 |  |
| 11/4 | Mean Absolute Deviation | 838 |  |
| 11/5 | Appropriate Measures | 846 |  |
| Ch. 11 Review | Statistical Measures | 857 |  |
| Ch. 12/Lesson 1, 2 , and 3 | Line Plots/Histograms/Box Plots | 864/872/880 |  |
| 12/4 | Shape of Data Distributions and Measures of Center and Spread | 892 |  |
| 12/5 | Make and Interpret Line Graphs | 902 |  |
| 12/6 | Select and Appropriate Display | 910 |  |
| Ch. 12 Review | Statistical Displays | 923 |  |

Name: $\qquad$ Number: $\qquad$

## My Study Plan

**Attach your work as evidence that you actively studied and took responsibility for preparing for the benchmark.**
After refreshing my memory about all the topics we covered, the 5 concepts that I need to study the most to prepare for the final benchmark are:

What I plan to study:

| Concept 1: |  | Workbook pages: |
| :--- | :--- | :--- |
| Concept 2: |  | Workbook pages: |
| Concept 3: |  | Workbook pages: |
| Concept 4: |  | Workbook pages: |
| Concept 5: |  | Workbook pages: |

How I will study:

| Strategy | Concept(s) | Date | $\boldsymbol{\nu}$ |
| :--- | :--- | :--- | :---: |
| Tutor Videos - Online Program and Complete Problems |  |  |  |
| "Example" Problems from Workbook |  |  |  |
| Unfinished Odd and "House" Problems from Workbook |  |  |  |
| Online Quizzes/Tests (Red check mark) |  |  |  |
| Quizlet Review Games |  |  |  |
| Reteach/Problem Solving/Standardized Test Practice/etc.. |  |  |  |
| Other: |  |  |  |

