

Dimensions Math 7A :: Semester 1			
HOMEWORK			
DAY	Textbook	Workbook	Topic
Day 1	7A p. 1-8	7A p. 1	Factors and Multiples; Prime Factorization; Exponential Notation
Day 2	p. 9-17	p. 2	Greatest Common Factor; Least Common Multiple
Day 3	p. 18-21	p. 2-4	Squares, Square Roots, Cubes, Cube Roots
Day 4	p. 21-24	p. 5-6	Ch. 1 Review Day
Day 5	p. 25-32	p. 7	Negative Numbers and the Number Line; Absolute Value
Day 6	p. 32-37	p. 7	Addition of Integers and Additive Inverse
Day 7	p. 38-44	p. 7	Subtraction
Day 8	p. 44-47	p. 8	Absolute Value of the Difference; Multiplication of Integers
Day 9	p. 47-50	p. 8	Division of Integers; Combined Operations of Integers
Day 10	p. 51-56	p. 8	All Operations on Rational Numbers
Day 11	p. 57-70	p. 9-14	Use of Calculators; Rounding Decimals; Ch. 2 Review
Day 12	p. 71-78	p. 15	Algebra Intro
Day 13	p. 79-88	p. 16	Evaluating and Writing Algebraic Expressions to Represent Real-world Situations
Day 14	p. 89-97	p. 17-20	Ch. 3 Review; Like Terms and Unlike Terms
Day 15	p. 98-102	p. 21	Distributive Law; Addition and Subtraction of Linear Expressions
Day 16	p. 103-107	p. 22	Simplification of Linear Algebraic Expressions
Day 17	p. 107-112	p. 22-23	Factorization by Extracting Common Factors and Grouping Terms
Day 18	p. 112-119	p. 24-26	Ch. 4 Review; Simple Linear Equations in One Variable
Day 19	p. 120-123	p. 27	Equations Involving Parentheses
Day 20	p. 125-132	p. 28-32	Simple Fractional Equations, Forming Linear Equations; Ch. 5 Review
Day 21	p. 133-141	p. 33	Ratios Involving Rational Numbers; Ratios of 3 Quantities
Day 22	p. 141-145	p. 34	Average Rate; Speed
Day 23	p. 146-153	p. 34-38	Speed; Conversion of Units; Ch 6 Review
Day 24	p. 154-162	p. 39-40	Percentage; Expressing One Quantity as a Percentage of Another
Day 25	p. 160-163	p. 40	Reverse Percentages
Day 26	p. 164-169	p. 40	Percent Increase and Decrease
Day 27	p. 170-175	p. 40-41	Discount and Sales Tax
Day 28	p. 176-183	p. 42-44	Ch 7 Review; Points, Lines, Planes
Day 29	p. 184-192	p. 45-46	Angles
Day 30	p. 193-199	p. 46	Perpendicular Bisectors and Angle Bisectors
Day 31	p. 200-206	p. 47	Triangles
Day 32	FINISH TEXTBOOK	FINISH WORKBOOK	Quadrilaterals; REVIEW DAY!
Dimensions Math 7B :: Semester 2			
HOMEWORK			
DAY	Textbook	Workbook	Topic
Day 33	7B p. 1-7	7B p. 1	Number Patterns and Sequences
Day 34	p. 8-14	p. 2-4	General Term of a Sequence; Application of Number Patterns
Day 35	p. 15-23	p. 5-8	Ch 9 Review; Cartesian Coordinate System
Day 36	p. 24-29	p. 9-10	Linear Graphs
Day 37	p. 30-36	p. 11-13	Slopes of Linear Graphs
Day 38	p. 37-45	p. 14-17	Ch 10 Review; Solving Simple Inequalities
Day 39	p. 45-51	p. 18-19	More Properties of Inequalities; Simple Linear Inequalities
Day 40	p. 51-57	p. 20-24	Application of Simple Inequalities; Ch 11 Review;
Day 41	p. 58-64	p. 25-27	Perimeter and Areas of Square, Rectangle, triangle; Discover π and the Circumference of Circle
Day 42	p. 65-69	p. 28-29	Circumference and Area of Circle
Day 43	p. 70-79	p. 30-31	Area of a Parallelogram and Area of Trapezoid
Day 44	p. 79-83	p. 31-34	Perimeters and Areas of Composite Plane Figures
Day 45	p. 84-94	p. 35	Ch 12 Review + Volume and Surface Area of Cube and Cuboid
Day 46	p. 95-102	p. 36	Volume and Total Surface Area of Prism
Day 47	p. 102-110	p. 37-40	Volume and Surface Area of Composite Solids
Day 48	p. 111-115	p. 41-42	Ch 13 Review; Begin Proportions Unit
Day 49	p. 116-127	p. 43	Scale Drawings; Map Scale and Calculation of Area
Day 50	p. 127-134	p. 44	Direct Proportion
Day 51	p. 135-143	p. 44-46	Inverse Proportion
Day 52	p. 144-147	p. 47-48	Ch 14 Review; Collection of Data
Day 53	p. 152-155	p. 49	Dot Plots
Day 54	p. 155-163	p. 50	Measure of Center: Mean
Day 55	p. 163-169	p. 50	Measure of Center: Median, Mode
Day 56	p. 169-175	p. 51-56	Comparison of Mean, Median and Mode; Ch 15 Review
Day 57	p. 176-185	p. 57	Set Notation
Day 58	p. 186-195	p. 58	The Meaning of Probability
Day 59	p. 196-206	p. 59-64	Sample Space; Ch 16 Review
Day 60	p. 207-215	p. 65	Probability of Simple Combined Events
Day 61	p. 215-221	p. 65-66	Mutually Exclusive Events
Day 62	p. 221-229	p. 66-68	Independent Events
Day 63	p. 229-235	p. 69-70	Further Probabilities and Ch 17 Review
Day 64	FINISH TEXTBOOK	FINISH WORKBOOK	End of Year Review