

Math 4 Success

Sequencing of Skills

8th Grade

Level 22

Number/Numeral Order	Addition/subtraction Multiplication/Division	Geometry Graphs	Number Sentences	Measurement
*1.Additive Inverse 2.Using Symbols	*1. Rationals 2. Rationals 3. Rationals	Transversals and Parallel Lines	Solving by Inspection	
Absolute Value		Congruent Triangles (SAS, ASA, SSS)	Translating word sentences into Number sentences	
1.Set Builder Notation 2. Greatest Integer Notation	Closure		Solving Equations Using Addition	

* Indicates number of lessons (1. Rationals, 2 Rationals, 3. Rationals)

Level 23

Number/Numeral Order	Addition/Subtraction Multiplication/Division	Geometry Graphs	Number Sentences	Measurement
Probability Combined Events	1. Multiplying powers of 10 2. Dividing powers of 10	Surface area, Volume of prisms and Pyramids	Solving equations using multiplication property of equality	
Integral Exponents	1. Integral Exponents 2. Integral Exponents	Parts of Cones, Cylinders, and Spheres	Using Equations in one Variable	Extending Conversion within the Metric System
Scientific Notation	1. Using Exponents 2. Scientific Notation		Logic	Metric Units of Area

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Sequencing of Skills Continued

Level 24

Number/Numeral Order	Addition/Subtraction Multiplication/Division	Geometry And Graphs	Number Sentences	Measurement
Fractional Exponents		Surface Area: Cones, Cylinders, Spheres	Equations with Absolute Value	Significant Digits
1. Real Numbers 2. Comparing Real Numbers	Rational Approximation	1. Volume: Cones Cylinders 2. Graphing Real Numbers	Solving Inequalities on one Variable	Metric Units of Volume
1. Reading Radical Expressions 2. Using Order to Estimate Square Root	Square Root: Divide and Average Method	Compound Inequalities	Solving Equations In two Variables	Empirical Probability

Level 25

Number/Numeral Order	Addition/Subtraction Multiplication/Division	Geometry And Graphs	Number Sentences	Measurement
1. Logic 2. Density	Square Root: Algorithm Method	1. Solving Right Triangles 2. Graphing Linear Equations	Solving Inequalities in Two Variables	Metric units of Mass and Capacity
	Square Root: Tables	Graphing Linear Equations		
Permutations and Combinations	Square Root: Sum of Odd Numbers	1. Trigonometry 2. Graphing Systems of Linear Equations		