



IM1 - IM5 Skills

## Integrated Math 1

- 1A** Zero Sums & Opposites
- 1B** Naming Shapes
- 1C** Evaluating Square Roots
- 2A** Add & Subtract Like Fractions
- 2B** Rounding Decimals
- 2C** Mode and Range
- 3A** Adding Like Integers
- 3B** Perimeter
- 3C** Absolute Value
- 4A** Simplifying Fractions
- 4B** Add & Subtract Decimals
- 4C** Estimating Square Roots
- 5A** Convert Percent to Fractions
- 5B** Adding Unlike Integers
- 5C** Areas of Rectangles and Squares
- 6A** Add & Subtract Unlike Fractions
- 6B** Divisibility Rules 2, 3, 5, 9
- 6C** Mean
- 7A** Graphing Inequalities
- 7B** Subtracting Integers
- 7C** Parts of the Coordinate Plane
- 8A** Areas of Parallelograms
- 8B** Convert Decimals to Percents
- 8C** Rewriting Integer Subt. as Add.
- 9A** Multiplying Fractions
- 9B** Convert Fractions to Decimals
- 9C** Divisibility Rules 4, 6, 8, 10
- 10A** Convert Mixed Numbers
- 10B** Multiplying Decimals
- 10C** Areas of Triangles
- 11A** Evaluating Powers
- 11B** Convert Percents to Decimals
- 11C** Circumference
- 12A** Multiplying Integers
- 12B** Graphing Points
- 12C** Convert Fractions to Percents
- 13A** Median and Quartiles
- 13B** Dividing Integers
- 13C** Prime Factorization
- 14A** Dividing Fractions
- 14B** Areas of Circles
- 14C** Identify Irrational Numbers
- 15A** Convert Decimals to Fractions
- 15B** Proportions & Ratios
- 15C** Dividing Decimals
- 16A** Common Equivalences
- 16B** Algebraic Vocabulary
- 16C** Box and Whiskers Plots.





IM1 - IM5 Skills

## Integrated Math 2

<b>17A</b>	Percentage Change	<b>25A</b>	Percentages
<b>17B</b>	Pythagorean Theorem 1	<b>25B</b>	Exponent Laws: Multiplication
<b>17C</b>	Basic Probability	<b>25C</b>	Linear 2-step Equations
<b>18A</b>	Unit Rates	<b>26A</b>	Simple Interest
<b>18B</b>	Evaluating Roots	<b>26B</b>	Simple Combinations
<b>18C</b>	Naming Solids	<b>26C</b>	Volume of Prisms
<b>19A</b>	Unit Conversions	<b>27A</b>	Slope Given 2 Points
<b>19B</b>	Order of Operations	<b>27B</b>	Distributive Prop. with Variables
<b>19C</b>	Combining Like Terms	<b>27C</b>	Linear Equations with x on Both Sides
<b>20A</b>	Pythagorean Theorem 2	<b>28A</b>	Volume of Pyramids and Spheres
<b>20B</b>	Linear One Step with Add, Subt.	<b>28B</b>	X- and Y-Intercepts
<b>20C</b>	Graphing by Plotting	<b>28C</b>	Solving for a Variable
<b>21A</b>	Percent Proportions	<b>29A</b>	Linear Story Problems
<b>21B</b>	Evaluating Negative Exponents	<b>29B</b>	Supplementary & Complementary Angles
<b>21C</b>	Midpoint	<b>29C</b>	Solving Complex Linear Equations
<b>22A</b>	Linear One Step with Mult., Div.	<b>30A</b>	Surface Area
<b>22B</b>	Triangle Proportions	<b>30B</b>	Solving Systems via Substitution
<b>22C</b>	Distributive Property with Const.	<b>30C</b>	Solving Inequalities
<b>23A</b>	Distance Formula	<b>31A</b>	Slope-Intercept Form
<b>23B</b>	Evaluating Expressions	<b>31B</b>	Removing a Common Factor
<b>23C</b>	Perimeter with Pythagorean Thm.	<b>31C</b>	Vertical Angles
<b>24A</b>	Solve Equations with Powers	<b>32A</b>	Inequality Notations
<b>24B</b>	Slope given Graph	<b>32B</b>	Simple Compound Probability
<b>24C</b>	Scientific Notation	<b>32C</b>	Double Distributive Property





IM1 - IM5 Skills

## Integrated Math 3

- 33A** Constructions
- 33B** Evaluate Functions
- 33C** Graph Linear Equations: Rewriting
- 34A** Angle Relations
- 34B** Parallel and Perpendicular Lines
- 34C** Complex Higher Powers
- 35A** Polynomial Operations
- 35B** Graph Parent Graphs
- 35C** Central Tendency: Mean Median Mode
- 36A** Rational Exponents
- 36B** Pythagorean Theorem 3-D
- 36C** Vertical and Horizontal Lines!
- 37A** Transformations
- 37B** Transversals
- 37C** Arithmetic Sequences
- 38A** Linear Equations with Fractions
- 38B** Domain and Range from Graph
- 38C** Interior Angles of Triangle
- 39A** Variance
- 39B** Diagonals of Quadrilaterals
- 39C** Graph Linear Inequalities
- 40A** Factor Simple Trinomials
- 40B** Solve Ratios
- 40C** Base Angles of Isosceles Triangle
- 41A** Standard Deviation
- 41B** Areas of Trapezoids
- 41C** Exponent Laws: Multiplication
- 42A** Sum of Arithmetic Sequences
- 42B** Ratios of Area & Volume
- 42C** Double inequalities
- 43A** Exterior of Triangle
- 43B** Geometric Sequences
- 43C** Exponent Laws: Division
- 44A** Writing Inequalities and Absolute Values
- 44B** Factor Difference of Squares
- 44C** Exponent Laws: Powers
- 45A** Advanced Trinomial Factoring
- 45B** Area of Rhombus and Kite
- 45C** Simplifying and Operations w/ Radicals
- 46A** Correlation & Linear Regression
- 46B** Interior Polygon
- 46C** Factor Perfect Square Trinomials
- 47A** Systems of Equations by Elimination
- 47B** Exterior Polygon
- 47C** Exponent Laws: Zero & Negatives
- 48A** Area of Polygons
- 48B** Solving Absolute Values
- 48C** Rationalizing the Denominator





IM1 - IM5 Skills

## Integrated Math 4

**49A** Linear: Point-Slope  
**49B** Evaluate Logarithms

**50A** Shifts of Graphs: Vertical Or Horiz. only  
**50B** Function Composition

**51A** Complex Numbers Powers  
**51B** Special Triangles  
**51C** Factoring all Quadratics Higher Powers

**52A** Solving Imbedded Quadratics  
**52B** Combinatorics  
**52C** Domain and Range in Equation!

**53A** Sum of Geometric Sequences  
**53B** Solve Quadratics by Factoring

**54A** Radians  
**54B** Greatest Integer Function  
**54C** Shifts of Parent Graphs: Vertex

**55A** Complex Numbers Operations  
**55B** Circles: Central Angles  
**55C** Rational Expressions: Simplifying

**56A** Congruence Theorems  
**56B** Inverse Functions

**57A** Right-Angled Trig.  
**57B** Completing the Square

**58A** Triangle Centers  
**58B** Complex Numbers Graphing  
**58C** Shifts of Parent Graphs: Scaling

**59A** Circles: Inscribed Angles  
**59B** Conditional Probability

**60A** Pythagorean Identity  
**60B** Rational Expressions: Multiplying  
**60C** Shifts of Parent Graphs: All

**61A** Permutations and Combinations  
**61B** Graphing Quadratics: Vertex Form  
**61C** Arcs and Sectors

**62A** Angles formed by Secants & Tangents  
**62B** Graphing Circles  
**62C** Quadratic Formula

**63A** Parabolic Symmetry  
**63B** Rational Expressions: Dividing  
**63C** Graph Exponentials

**64A** Parabola Formula by Vertex and Point  
**64B** Proportions with Chords, Secants, Tangents  
**64C** Solving Systems by Graphing





IM1 - IM5 Skills

## Integrated Math 5

- 65A** Unit Circle
- 65B** Matrices Add & Subtract
- 65C** Discriminant
  
- 66A**  $e$  & Natural Logs
- 66B** Geometric Probability
- 66C** Solving Quadratic Inequalities
  
- 67A** Solving with Radicals
- 67B** Polynomial Division
  
- 68A** Sum & Difference of Cubes
- 68B** Binomial Theorem
  
- 69A** Logarithm Properties
- 69B** Add & Subtract Rational Expressions
  
- 70A** Solving with Technology
- 70B** Change of Base Formula
- 70C** Vertical Asymptotes
  
- 71A** Solving Exponential Functions
- 71B** Focus of Parabola
  
- 72A** Discrete Probability Distributions
- 72B** Graphing Trigonometric Functions
- 72C** Law of Sines
  
- 73A** Trigonometric Identities
- 73B** Advanced Solving for  $y$
  
- 74A** Solving Logarithmic Equations
- 74B** Expected Value
  
- 75A** Matrix Multiplication
- 75B** Synthetic Division
  
- 76A** Horizontal Asymptotes
- 76B** Normal Distributions
  
- 77A** Law of Cosines
- 77B** Matrices: Determinants
- 77C** Remainder Theorem
  
- 78A** Slant Asymptotes
- 78B** Solving Trigonometric Equations
  
- 79A** Matrices: Inverses
- 79B** Binomial Distributions
  
- 80A** IM4 Review
- 80B** Problem Solving

