MULTI-MEDIA MATERIALS FOR MATH 12550

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in MATH 12550. Bring your ID card to the Learning Center and ask for the lesson by the call number below. If there is more than one number listed, there are several alternatives for the lesson. You may pick and choose which works best for you. Situational DVDs relate concepts to real-life situations. Tutorial CDs and DVDs present computations related to concepts. Tutorial W-CDs are related to the Blitzer textbook.

	SITUATIONAL	TUTORIAL	PLATO
TOPICS	**DVDs**	**CDs/DVDs**	**Available Under:**
Exponents and Radicals		A5, A7, A8, C1 Les. 2, V8, W-1	Rationals and Radicals: Exponents and Equations
Polynomials and Factoring	J4	A2, A3, A6, AT1, O2, V6, W-1	Factoring Polynomials
Rational Expressions		A3, AT1, V7, W-1	Rational Expressions: Concepts, Operations and Solving
Solving Equations	J5, J7, J9	A1, A4, A6, A8, A10, AT1, AT2, V1, V2, W-1	Linear and Literal Equations and Formulas
Linear Inequalities in One Variable	J8	A5, A7, V2, W-1	Linear Inequalities: Solving and Graphing
Rectangular Coordinates		C1.2, C1.3a, C1.3b, G-1, V3, W-1	Graphing Linear Equations
Graphs of Equations		C1.3c, C1.4a, G-1, V3, W-1	Graphing Linear Equations
Linear Equations in Two Variables		A4, A7, C1.3c, G-1, V3, W-1	Linear Inequalities: Solving and Graphing
Functions	J13, K1	C1.4a, G-1, O1, V4, W-1	Functions: Notation, Domain, Range, Properties, etc
Analyzing Graphs of Functions		G-1 ,O1, V4, W-1	Functions: Translating, Combining, Graphing, Inverse
A Library of Parent Functions	J16, K1, K2	C1.4b, C1.5a, G-1, O1, V4, W-1	Functions: Translating, Combining, Graphing, Inverse
Transformations of Functions		C1.4b, C1.4c, C1.5a, G-1, W-1	Functions: Translating, Combining, Graphing, Inverse
Combinations of Functions: Composite Functions	J14	C1.4b, G-1, O1, V11, W-1	Functions: Translating, Combining, Graphing, Inverse
Inverse Functions	J14, K1	G-2, O1, V11, W-1	Functions: Translating, Combining, Graphing, Inverse
Quadratic Functions and Models	K4	G-2, O1, V10, W-1	Conic Sections
Polynomial Functions of Higher Degree	J16	G-2, O1, W-1	Conic Sections
Polynomial Division	K1	A2, G-2, O2, V7, W-1	Dividing Polynomials Using Synthetic Division
Complex Numbers	J6	A7, AT2, G-2, V9, W-1	Complex Numbers
Zeros of Polynomial Functions	K1	G-2, O2, W-1	Polynomials: Concepts, Operations, Equivalence
Rational Functions	J17, K2	A11, G-3, V7, W-1	Rationals and Radicals: Exponents and Equations
Nonlinear Inequalities		G-3, V10, W-1	Quadratic Equations: Solving
Exponential Functions and Their Graphs	J18	A8, A9, AT3, G-3, O4, V10, W-2	Functions: Exponential and Logarithmic
Logarithmic Functions and Their Graphs	J19	A8, AT3, G-3, O4, V10, W-2	Functions: Exponential and Logarithmic
Properties of Logarithms	K2	AT3, G-3, O4, V11, W-2	Functions: Exponential and Logarithmic
Exponential and Logarithmic Functions	K2	AT3, G-3, O4, V11, W-2	Functions: Exponential and Logarithmic
Radian and Degree Measure	K2	G-4, W-2	Trigonometry: Introduction to the Unit Circle and Right Triangles
Trigonometric Functions: The Unit Circle	K2	AT4, G-4, O4, W-2	Trigonometry: Introduction to the Unit Circle and Right Triangles
Right Triangle Trigonometry	K2	AT4, G-4, W-2	Trigonometry: Introduction to the Unit Circle and Right Triangles
Trigonometric Functions of any Angle	K2	AT4, G-4, W-2	Trigonometry: Introduction to the Unit Circle and Right Triangles
Graphs of Sine and Cosine Functions	K3	AT4, G-4, W-2	Trigonometry: Introduction to the Unit Circle and Right Triangles
Graphs of Other Trigonometric Functions	K3	AT4, G-5, W-2	Trigonometry: Introduction to the Unit Circle and Right Triangles
Inverse Trigonometric Functions	K3	G-5, O4, W-2	Trigonometry: Advanced- Idenitites and Equations
Applications and Models	K4	G-5, W-2	Trigonometry: Laws of Sines and Cosines
Using Fundamental Identities	K2	G-5, W-2	Trigonometry: Advanced- Idenitites and Equations
Verifying Trigonometric Identities		AT4, G-5, W-2	Trigonometry: Advanced- Idenitites and Equations
Solving Trigonometric Equations	K3	AT5, G-6, W-2	Trigonometry: Advanced- Idenitites and Equations
Trigonometric Sum & Difference Formulas		G-6, W-2	Trigonometry: Advanced- Idenitites and Equations
Multiple-Angle and Product-to-Sum Formulas		G-6, W-2	Trigonometry: Advanced- Idenitites and Equations
Law of Sines	K4	AT5, G-6, W-2	Trigonometry: Laws of Sines and Cosines
Law of Cosines	K4	AT5, G-6, W-2	Trigonometry: Laws of Sines and Cosines
Linear and Nonlinear Systems of Equations		A5, AT3, G-7, V13, W-2	Systems of Linear and Quadratic Equations
Conic Sections		C-1, G-10	Conic Sections
Circles, Parabolas, & Ellipses		G-9, V-12	Conic Sections
Hyperbolas		G-9, G-10, V-12	Conic Sections
Sequences and Series		C-6, F-2-1, F-2-1, G-8, U-3, V-13	Patterns and Sequences
Arithmetic Sequences and Partial Sums	J22	G-8, V-13	Patterns and Sequences
Geometric Sequences and Series	J23	C-7, G-8, V-13	Patterns and Sequences
The Binomial Theorem	K-6	A-10, G-9, U-3, V-13	Polynomials Identities and the Binomial Theorem