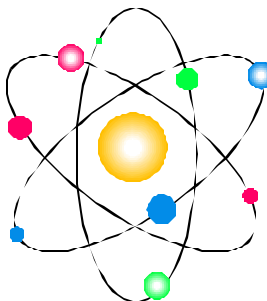


PROJECT ATOMS



MANAGEMENT/MARKETING SPECIALIZATION

(MGMT)

ESSENTIAL MATHEMATICS SKILLS

		VIDEO TAPE		
SKILLS	TEXT	FULL TITLE	ABBREVIATION	SOFTWARE TITLE
A. (1) Whole Numbers and Variable Expressions				
(1.1) Introduction to whole numbers order relation between whole numbers Place value Applications	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 1 section 1 PreAlgebra by Martin/Gay (VISIT MATH LAB)	#1 Place Value and Reading Tables		Passkey Lessons Whole Numbers Place Value and Reading Tables

		VIDEO TAPE		
SKILLS	TEXT	FULL TITLE	ABBREVIATION	SOFTWARE TITLE
(1.2) Addition and Subtraction of whole numbers Addition of whole numbers Subtraction of whole numbers Applications and formulas	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 1 section 2 PreAlgebra by Martin/Gay (VISIT MATH LAB)	#1 Adding Whole Numbers And Perimeter #1 Subtracting Whole Numbers		Passkey Lessons Whole Numbers Adding Whole Numbers And Perimeter Subtracting Whole Numbers
(1.3) Multiplication and Division of whole Numbers Multiplication of whole numbers Exponents Division of whole numbers	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 1 section 3 PreAlgebra by Martin/Gay (VISIT MATH LAB)	#2 Multiplying Whole Numbers And Area #2 Dividing Whole Numbers		Passkey Lessons Whole Numbers Multiplying Whole Numbers And Area Dividing Whole Numbers
(1.4) Rounding and Estimation Rounding Estimation Applications	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 1 Section 4 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Approximation, Rounding, Estimation (MTH 107) #1 Rounding And Estimating	Approximation, Rounding, Estimation (MTH 107)	Passkey Lessons Decimals Rounding And Estimating

SKILLS	TEXT	VIDEO TAPE		SOFTWARE TITLE
		FULL TITLE	ABBREVIATION	
(1.5) The Order of Operation Agreement The order of operations agreement	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 1 section 5 PreAlgebra by Martin/Gay (VISIT MATH LAB)	The Order Of Operations Agreement - Whole Numbers Expressions #4 Order Of Operations	Order of Oper & ax+b=c	Algebra Mentor Lessons 59-67 The Order Of Operations Agreement Passkey Lessons Order Of Operations Exponents And Order Of Operations

(4) Decimals and Real Numbers				
(4.1) Introduction to decimals Place value	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 4 section 1 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Approximation, Rounding, Estimation (MTH 107) #7 Introduction To Decimals	Approximation, Rounding, Estimation (MTH 107)	Passkey Lessons Decimals Introduction To Decimals
(4.2) Addition and Subtraction of Decimals Addition and subtraction of decimals Estimation Applications and formulas	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 4 section 2 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Math: Fractions & Decimals (F11) #8 Adding and Subtracting Decimals	Math: Fractions & Decimals (F11)	Passkey Lessons Decimals Adding and Subtracting Decimals

SKILLS	TEXT	VIDEO TAPE		SOFTWARE TITLE
		FULL TITLE	ABBREVIATION	
(4.3) Multiplication and divisions of decimals Multiplication of decimals Division of decimals Fractions and decimals Applications and formulas	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 4 section 3 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Math: Fractions & Decimals (F11) #8 Multiplying Decimals And Circumference Of A Circle Dividing Decimals	Math: Fractions & Decimals (F11)	Passkey Lessons Decimals Multiplication And Division Of Decimals Multiplying Decimals And Circumference Of A Circle Dividing Decimals
(4.5) Real Numbers Real numbers and the real number line Inequalities in one variable Applications	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 4 section 5 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Naturals, Real Numbers (MTH 106)	Naturals, Real Numbers (MTH 106)	Passkey Lessons Inequalities Inequalities

(6) First Degree Equation				
(6.1) Introduction to equations Solutions of an equation Equations of the form $x+a=b$ Equations of the form $ax=b$		Introduction to Solving Linear Equations- Addition prop of Equations- Multiplication property of Equations #5 Solving Linear Equations In One Variable And Problem Solving	Introduction to Lin Eq	Algebra Mentor Lessons 197-209 Passkey Lessons Equations Introduction to equations Solving Equations And Problem Solving

		VIDEO TAPE		
SKILLS	TEXT	FULL TITLE	ABBREVIATION	SOFTWARE TITLE
(6.2) First -degree equations of the form $ax+b=c$ Equations of the form $ax+b=c$ Applications		Solving Linear Equations of the Form $ax+b=c$	Order of oper & $ax+b=c$	First Degree Equations of the form $ax+b=c$ Passkey Lessons Equations Algebra Mentor Lessons 197 - 209
(6.3) General first-degree equations of the form $ax+b=cx+d$ Equations with parentheses Applications		Solving Linear Equations in One Variable The Equalizer	Solving Linear Eq - 1 Var. The Equalizer	Passkey Lessons Equations General First Degree Equations Algebra Mentor Lessons 197 - 209

(7) Ratio and Proportion				
(7.1) Ratios and rates Ratios and rates Dimensional analysis Applications		#11 Ratios		Ratio, Proportion, And Measurement
(7.2) Proportion Proportions Applications		#11 Proportions		Proportions

		VIDEO TAPE		
SKILLS	TEXT	FULL TITLE	ABBREVIATION	SOFTWARE TITLE
(8) Percent				
(8.1) Percent Percents as decimals or fractions Fractions and decimals as percents		Converting Percent/Fractions/ Decimals #13 Percents, Decimals, and Fractions	Converting %/Frac/Dec	Percent Passkey Lessons Percents Percents, Decimals, and Fractions
(8.2) The basic percent equation The base percent equation Percent problems using proportions Applications		The Basic Percent Equation #13 Percent Equations and Problem Solving	Converting %/Frac/Dec	The Basic Percent equation Passkey Lessons Percents Percent Percent Equations and Problem Solving

		VIDEO TAPE		
SKILLS	TEXT	FULL TITLE	ABBREVIATION	SOFTWARE TITLE
(3) Fractions				
(3.1) Least common multiple and greatest common factor Least common multiple (LCM) Greatest common factor (GCF) Applications	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 3 section 1 PreAlgebra by Martin/Gay (VISIT MATH LAB)			Algebra Mentor Lessons 157-160 Least Common Multiple & Greatest Common Factor Passkey Lessons Fractions

SKILLS	TEXT	VIDEO TAPE		SOFTWARE TITLE
		FULL TITLE	ABBREVIATION	
(3.2) Introduction to fractions Proper fractions, improper fractions, mixed numbers Equivalent fractions Order relations between two fractions Applications	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 3 section 2 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Math: Fractions & Decimals (F11)	Math: Fractions & Decimals (F11)	Passkey Lessons Fractions Algebra Mentor Lessons 158-160 Introduction to fractions
(3.3) Addition and subtraction of fractions Addition of fractions Subtraction of fractions Applications and formulas	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 3 section 3 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Addition and Subtraction of Signed Fractions Addition and Subtraction of Mixed Numbers Math: Fractions & Decimals (F11) #6 Adding And Subtracting Fractions With Least Common Denominators Adding And Subtracting Fractions With Unlike Denominators	Addition & -MXD Frac,Exp Addition & - of Sgnd Frac Math: Fractions & Decimals (F11)	Passkey Lessons Fractions Addition & Subtraction Of Fractions Adding And Subtracting Fractions With Least Common Denominators Adding And Subtracting Fractions With Unlike Denominators
(3.4) Multiplication and division of fractions Multiplication of fractions Division of fractions Applications and formulas	PreAlgebra Text by Aufmann/Barker/Lockwood Chapter 3 section 4 PreAlgebra by Martin/Gay (VISIT MATH LAB)	Math: Fractions & Decimals (F11) #6 Multiplying And Dividing Fractions	Math: Fractions & Decimals (F11)	Passkey Lessons Fractions Multiplication & Division Of Fractions Multiplying And Dividing Fractions