

MULTI-MEDIA MATERIALS FOR NURSING 331

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics to assist you in Nursing 331. 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 DVDs present computations related to concepts.

TOPIC	SITUATIONAL DVDs	TUTORIAL CDs/DVDs	PLATO Available Under:
Identify place values		Y4	The Integers: Concepts and Operations
Write a mixed number as an improper fraction and vice versa		S3, X1, Y3	Fractions: Operations
Raise to higher terms and reducing to lowest terms		S3, X1, Y3	Fractions: Operations
Perform operations on fractions and mixed numbers		X1, Y1, Y3, A1	Fractions: Operations
Solve mixed applications involving fractions		X1, Y1, Y3	Fractions: Operations
Identify the order relation between two fractions		X1, Y1, Y3	Fractions: Operations
Write decimals in standard form and in words		Y4	Decimal Concepts: Place Value, Ordering, Rounding
Round a decimal to a given place value and use significant digits		Y4, I1, M1	Decimal Concepts: Place Value, Ordering, Rounding
Perform operations on decimals		Y4	Decimals: Operations
Solve mixed applications involving decimals		Y5	Decimals: Operations
Identify the order relation between fractions and decimals		Y4	Decimals: Operations
Perform operations on integers		S1, X1, A1, Y2	The Integers: Concepts and Operations
Perform operations on rational numbers		S3, X1, Y3	Fractions: Operations
Perform operations on exponents	J3	Y4, X1, W1	Exponents and Order of Operations: Introductory
Use the order of operations		Y2, Y4, A1, C1, S1, X1	The Integers: Concepts and Operations
Use scientific notation		V6, X5, S1	Scientific Notation
Work with ratios and rates		X3, Y8	Rates, Ratio and Proportion
Determine if a proportion is true		X3, Y8	Rates, Ratio and Proportion
Solve proportions		X3, Y8	Rates, Ratio and Proportion
Solve application problems using ratios and proportions			Rates, Ratio and Proportion
Write percents as fractions and decimals and vice versa		Y8	Percents
Find the amount, percent or base for a percent problem		Y8, Y9, X3	Percents
Solve application problems involving percent		X3, Y8, Y9	Percents
Read and interpret circle, bar and line graphs	J10	Y10	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Find measures of central tendency (mean, median, mode)		Y10, I1, M1	Statistics: Introductory- Measures of Center and Spread
Find percentiles		D5	Statistics: Introductory- Measures of Center and Spread
Solve application problems with measurement		Y7	Measurement: Metric System and Standard System & Apothecary and Household Measures
Work with metric system		Y7	Measurement: Metric System and Standard System
Perform basic operations with monomials		A1, A2, S1	Exponents and Order of Operations: Introductory
Simplify and evaluate algebraic expressions		S1, X2, Y5, Y6, A1, A2	Exponents and Order of Operations: Introductory
Solve linear equations and determine if a given value is a solution of an equation	J5	S2, X2, Y6, A1, V1, V4	Linear and Literal Equations and Formulas & Linear Inequalities
Solve literal equations and formulas		A4, S2	Linear and Literal Equations and Formulas
Solve mixture problems			Systems of Linear and Quadratic Equations
Solve systems of equations			Systems of Linear and Quadratic Equations
Use a scientific calculator			Using Scientific Calculator
Read and Write Roman Numerals			Reading and Writing Roman Numerals