

MULTI-MEDIA MATERIALS FOR PAXRN

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics to assist you in PAXRN. 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		B-1, Y1, Y2, Y3	Decimals
Rounding		B-1, Y1, Y2, Y3	Decimals
Prime		B-1, Y1, Y2, Y3	Number concepts
Divisibility rules		B-1, Y1, Y2, Y3	Number concepts
Exponents	J3	Y4, X1, W1	Exponents
Square, cube root	J3	Y4, X1, W1	Exponents
Operations on fractions		X1, Y1, Y3, A1	Fractions
Operations on decimals		Y2, Y4, A1, C1, S1, X1	Order of Operations
Percent and application in discount, tax, percent increase decrease		X3, Y8, Y9	Percent
Work with proportions and solve application problems with ratio and proportion		X3, Y8	Ratios and Proportions
Write percent as fractions and decimals and vice versa		X3, Y8	Ratios and Proportions
Perform basic operations with monomials		A1, A2, S1	Basic Algebraic Skills
Simplify and evaluate algebraic expressions		S1, X2, Y5, Y6, A1, A2	Basic Algebraic Skills
Solve linear equations and determine if a given value is a solution of an equation	J5	S2, X2, Y6, A1, V1, V4	Linear Equations and Inequalities
Solve literal equations and formulas		A4, S2	Linear Equations and Inequalities
Solve systems of equations		Y4, Y5	System of Linear Equations
Linear Inequalities	J8	A5, A7, S2, V3, X4	Linear Equations and Inequalities
Solve area problems : Circles, Polygons		G11, T7, D6	Area and Volume of Geometric Figures
Solve volume problems ; Circles, Polygons		Y9, D6	Area and Volume of Geometric Figures
Solve surface area problems		C6, D6	Surface Area