

MULTI-MEDIA MATERIALS FOR POLITICAL SCIENCE 270

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in POLSC 270. 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 DVDs	PLATO Available under:
Comparing and ordering fractions and mixed numbers		Y3	Fraction Concepts: Definition, Notation, Simplifying, and Comparing
Performing operations on fractions		A1, Y3, S3	Fractions: Operations
Naming decimals		D4, Y4	Decimal Concepts: Place Value, Ordering, Rounding
Performing operations on decimals		A1, B1, D2	Decimals: Operations
Performing operations on integers		A1, B1, X1, Y2, D3	Integers: Concepts and Operations
Performing operations on rational numbers		D3, Y2, X1, S1	Rational Numbers: Concepts and Operations
Using the order of operations		A1, Y2, Y4, S1, X1, D3	Integers: Concepts and Operations
Writing ratios and rates		D4, Z4	Rates, Ratio and Proportion
Solving proportions		D4, X3, Y8	Rates, Ratio and Proportion
Converting fractions and decimals to percents and vice versa		Y8, D4	Percent
Finding the base, amount and percent		D4, Y8	Percent
Solving percent applications		X3, Y8, D4, Y9	Percent
Reading, drawing, and interpreting line graphs		Y10	Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Reading, drawing and interpreting bar graphs		Y10	Statistics: Inference, Data Analysis and Normal Distributions
Reading, drawing and interpreting circle graphs		Y10	Statistics: Inference, Data Analysis and Normal Distributions
Measures of central tendency		D5, H8, H9	Statistics: Introductory- Measures of Center and Spread
Standard deviation	H9	I1, M1	Statistics: Introductory- Measures of Center and Spread
Measurement error	H10		Statistics: Introductory- Measures of Center and Spread
Graphing linear equations	J10, J5	A4, D6, W1, X5, S4, V3, Z7	Graphing Linear Equations
Game theory	H14, H11		
Translating English phrases to algebra	J2	S2, S4, Y6	Linear and Literal Equations and Formulas
Prisoner's dilemma	H15		
Surveying techniques	SB14	D5	Statistics: Introductory- Measures of Center and Spread
Sampling	H7, SB14, I5	M2	Statistics: Introductory- Measures of Center and Spread
Scatterplots	I1, I3, SB8		Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Recognizing trend lines	SB8, SB7, SB25		Statistics: Correlation
The Normal Curve	I2	M2, M3	Statistics: Introductory- Measures of Center and Spread