## **MULTIMEDIA MATERIALS FOR 7-12 LICENSING EXAM**

The Dolciani Math Center (7th Floor Hunter East) has multi-media materials for the following topics in CST 7-12. 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.

TOPICS   DNDs   Chem		SITUATIONAL	TUTORIAL	PLATO
II	TOPICS	DVDs	CDs/DVDs	Available Under:
Ad, WL, Z. 78, Do, X.5, Y.  Equations and Inequalities  SA, V.3  Af, WL, Z. 78, Do, X.5, Y.  Linear Inequalities: Solving and Graphing  Decimals  A7, A72, G.2, V.9, X10  Complex Numbers  A7, A72, G.2, V.9, X10  Complex Numbers  A7, A72, G.2, V.9, X10  Complex Numbers  Decimals  Scientific Notation  A5, A7, A71, A72, S.3, 54, V.8  Radicals and Rational Exponents  Radicals and Rational Exponents  A73, S1, X1  Exponents and Order of Operations: Innuturusy  Ferometrics: Braic  A73, S1, X1  Exponents and Order of Operations: Innuturusy  Ferometrics: Braic  A73, S1, X1  Exponents and Order of Operations: Innuturusy  Ferometrics: Braic  A73, S1, X1  Exponents and Order of Operations: Innuturusy  Percent  A3, Y8, Y9  Percents  A3, Y8, Y9  Percents  A3, Y8  Ans. Ratio and Proportion  A4, A7, C1 Less 3a, 3h, 3c, G.  Linear equations and word problems  Chereace  A4, A7, C1 Less 3a, 3h, 3c, G.  Linear equations and word problems  A4, A7, C1 Less 3a, 3h, 3c, G.  Linear equations and word problems  A71, C1 Less 4a, A5, 5a, G.2  Polynomials  A71, C1 Less 4a, A5, 5a, G.2  Polynomials  A71, C1 Less 4a, A5, 5a, G.2  Polynomials  A71, C1, C1 Less 4a, A5, 5a, G.2  Polynomials expression and operations. Figural where exportions and Standard Proportion  A71, C1 Less 4a, A5, 5a, G.2  Polynomials expression and operations polynomials  A71, C1, C1, C1, C1, C1, C1, C1, C1, C1, C	Rational Numbers: order, absolute value		I4 (Unit 15), I5 (Unit 19), M2	Rational Number Concepts and Operations
Equations and Inequalities   S. 4, V3   Unnear longulatities   Continued	Operations on Rational Numbers		I1	Rational Number Concepts and Operations
Intribution Numbers Complex numbers    Nat.   Nat.   Decimals   De			A4, W1, Z7, Z8, D6, X5, Y7,	
Operations on Decimals Repeating Decimals Relication Repeating Decimals Relication R	Equations and Inequalities		S4, V3	Linear Inequalities: Solving and Graphing
Repeating Decimals Scientific Notation  Mi, E1(38) Scientific Notation  A5, A7, AT1, AT2, S3, S4, V8, Rationals and Rational Exponents  Basic Floromates  Basic Floromates  Better  A73, S1, X1 Exponents and Order of Operations: Introductory Floromates  Rational proportion  X3, Y8, Y9 Percents  X3, Y8 Rates, Ratio and Proportion  Units conversion Proportionality, equations Proportionality, equations Proportionality, equations Proportionality and connection with linear equations and lines Multi step ratio and pertent problem, interest, commissions, percent increase and decrease  X3, Y8 Rates, Ratio and Proportion  X3, Y8 Rates, Ratio and	Irrational Numbers/Complex numbers		A7, AT2, G-2, V9, X10	Complex Numbers
Repeating Decimals Scientific Notation  Mi, E1(38) Scientific Notation  A5, A7, AT1, AT2, S3, S4, V8, Rationals and Rational Exponents  Basic Floromates  Basic Floromates  Better  A73, S1, X1 Exponents and Order of Operations: Introductory Floromates  Rational proportion  X3, Y8, Y9 Percents  X3, Y8 Rates, Ratio and Proportion  Units conversion Proportionality, equations Proportionality, equations Proportionality, equations Proportionality and connection with linear equations and lines Multi step ratio and pertent problem, interest, commissions, percent increase and decrease  X3, Y8 Rates, Ratio and Proportion  X3, Y8 Rates, Ratio and	Operations on Decimals		I1, M1	Decimals: Operations
Mil. E1(2B)   Scientific Notation   A5, A7, AT1, AT2, S3, S4, V8   Rationals and Radicals: Exponents and Equations   A5, A7, AT1, AT2, S3, S4, V8   Rationals and Radicals: Exponents and Equations   A73, S1, X1   Exponents and Order of Operations: Introductory			I1, M1	
Radicals and Rational Exponents    A3, S1, X1   Exponents and Exponents and Equations Exponents and Exponents and Exponents and Exponents and Exponents and Exponents and Order of Operations introductory   Formulas			M1, E1(3B)	Scientific Notation
Exponents: Basic   AT3, S1, X1   Exponents and Order of Opterations: Introductory			A5, A7, AT1, AT2, S3, S4, V8,	
Formulas   Harding 17   Linear and Literal Equations and Formulas	Radicals and Rational Exponents		X9	Rationals and Radicals: Exponents and Equations
Formulas Percent  XX, Y8, Y9 Percens Ratio and proportion Units conversion Proportionality, equations Proportionality, equations Proportionality, equations Proportionality and conversion with linear equations and lines Rates and decrease  X3, Y8 Rates, Ratio and Proportion Rates and decrease  X3, Y8 Rates, Ratio and Proportion Rates and decrease  X3, Y8 Rates, Ratio and Proportion Rates and Proportion Rates and Proportion Rates and Rates and Rates and Proportion Rates and Rates	Exponents: Basic		AT3, S1, X1	Exponents and Order of Operations: Introductory
Percent	Formulas		I4 (Unit 17)	
Ratio and proportion    X3, Y8	Percent			Percents
Units conversion	Ratio and proportion			Rates, Ratio and Proportion
Proportionality and connection with linear equations and lines  Multi step ratio and percent problem, interest, commissions, percent increase and decrease  X3, Y8  Rates, Ratio and Proportion  Multi step ratio and percent problem, interest, commissions, percent increase and decrease  X3, Y8  Rates, Ratio and Proportion  A4, A7, C1 Less 3a, 3b, 3c, G- 1, X5  Similiarity, Proofs and Construction  Linear and Literal Equations and Formulas & Verbal Problems—  Linear equations and word problems  Linear equations and word problems  Deperations on polynomials  A2, A3, AT1, S1, V6, X5  Polynomials: Concepts, Operations, Equaivalence  Polynomial expression and operations  A71, C1 Less 4a, 4b, 5a, G-2  Polynomials: Concepts, Operations, Equaivalence  Polynomials: Concepts			X3, Y8	
Proportionality and connection with linear equations and lines  Multi step ratio and percent problem, interest, commissions, percent increase and decrease  X3, Y8  Rates, Ratio and Proportion  Multi step ratio and percent problem, interest, commissions, percent increase and decrease  X3, Y8  Rates, Ratio and Proportion  A4, A7, C1 Less 3a, 3b, 3c, G- 1, X5  Similiarity, Proofs and Construction  Linear and Literal Equations and Formulas & Verbal Problems—  Linear equations and word problems  Linear equations and word problems  Deperations on polynomials  A2, A3, AT1, S1, V6, X5  Polynomials: Concepts, Operations, Equaivalence  Polynomial expression and operations  A71, C1 Less 4a, 4b, 5a, G-2  Polynomials: Concepts, Operations, Equaivalence  Polynomials: Concepts	Proportionality, equations		X3, Y8	Rates, Ratio and Proportion
Multi step ratio and percent problem, interest, commissions, percent increase and decrease    X3, Y8				
increase and decrease				and the second s
Slope, Similar triangles  A4, A7, C1 Less 3a, 3b, 3c, G. 1, XS  Similiarity, Proofs and Construction  Linear and Literal Equations and Formulas & Verbal Problems—  Departations on polynomials  A2, A3, AT1, S1, V6, XS  Polynomials: Concepts, Operations, Equaivalence  Polynomial expression and operations  A71, C1 Less 4a, 4b, 5a, G-2  Polynomials: Concepts, Operations, Equaivalence  Polynomial expressions and operations  A71, C1 Less 4a, 4b, 5a, G-2  Polynomials: Concepts, Operations, Equaivalence  Polynomial expressions and operations  A71, C1 Less 4a, 4b, 5a, G-2  Polynomials: Concepts, Operations, Equaivalence  Polynomials: Concepts, Operations, Equaivalence  A6, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  Polynomials: Concepts, Operations, Equaivalence  A5, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  A6, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  A6, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X5  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V7, X7  Rational Expressions: Concepts, Operations, Equaivalence  B7, X4, V4, X7  Systems of Linear Equations  B7, X4, V7, X4, V8, V8, V8, V8, V8, V8, V8, V8, V8, V8				
A4, A7, C1 Less 3a, 3b, 3c, G   1, X5   Similiarity, Proofs and Construction	decrease		X3, Y8	Rates, Ratio and Proportion
Linear equations and word problems    S2,V2			A4, A7, C1 Less 3a, 3b, 3c, G-	1
Linear equations and word problems    S2,V2	Slope, Similar triangles		1, X5	Similiarity, Proofs and Construction
Linear equations and word problems  Operations on polynomials  Operations on polynomials  A2, A3, AT1, S1, V6, X5  Polynomials: Concepts, Operations, Equaivalence  Polynomial expression and operations  A71, C1 Less 4a, 4b, 5a, 6-2  Solving quadratic equation  J7  A6, V7, X7  Quadratic Equations: Solving  Rational expressions  Create single variable equations, solve linear, quadratic and polynomial  S2, V2, X2  Linear and Literal Equations and Formulas  Create two variable equations to solve problems  A4, C1 Less 3a, 3b, 3c, G-1,  Graphing  A5, A7, S4, V4, X7  Systems of Linear Equations  System of linear equation  A5, G-7, K5, S4, V4, X8  Systems of Linear Equations  Systems of Linear Equations  Function, domain, range  A13, K1  C1.4a, G-1, O1, V4, W-1  Functions: Translating, Combining, Graphing, Inverse  Reflection, rotation and translations about origin  Lines and Angles  Transformational Geometry  Surface area, perimeter and volume of sphere, cones and cylinders  Analyze data using dot plot, histogram, mean, median, interquartile range,  standard deviation, outliers  SB19, H10  SB19, H10  SB19, H30  SB19, H30  SB19, H30  SB11, SB14, SB13,  SB21, TH14  Winit 15)  SB16  Brobability: Conditional Probability  SB16  Probability: Conditional Probability  Divincionals: Cuestions, Equations  AT1, S1, V7, X7  Rational Expression, Conceptage, Operations, Equations and Solving  Catery Tyles  Linear model Lequations, and Liveral Equations  A5, C7, K5, S4, V4, X8  Systems of Linear Equation				
Operations on polynomials Polynomial expression and operations Polynomial expression and operations Polynomial expression and operations Polynomial expression and operations Polynomial expressions Polynomials Concepts, Operations, Equaivalence Polynomials Expressions: Concepts, Operations and Solving Polynomials Expressions: Care Equations Polynomials Expressions: Concepts, Operations and Solving Polynomials Expressions: Concepts, Operations and Sol	Linear equations and word problems		S2,V2	
Polynomial expression and operations  AT1, C1 Less 4a, 4b, 5a, G-2 Solving quadratic equation  AO, V7, X7 Quadratic Equations: Solving AAT1, S3, V7, X7 Rational Expressions: Concepts, Operations and Solving Create single variable equations, solve linear, quadratic and polynomial Create two variable equations to solve problems  G-7, S4, V4, X7 Systems of Linear Equations A4, C1 Less 3a, 3b, 3c, G-1, S4, V3, X5 Graphing Linear Equations System of linear equation Function, domain, range A1, C1 Less 3a, 3b, 3c, G-1, S4, V3, X5 Graphing Linear Equations Systems of Linear Equations Systems of Linear Equations A5, G-7, K5, V4, X8 Systems of Linear Equations Systems of Linear Equations A5, G-7, K5, V4, V8 Systems of Linear Equations Systems of Linear Equations A5, G-7, K5, V4, V8 Systems of Linear Equations Systems of Linear Equations Systems of Linear Equations Systems of Linear Equations A5, G-7, K5, V4, V8 Systems of Linear Equations Systems of			A2, A3, AT1, S1,V6, X5	Polynomials: Concepts, Operations, Equaivalence
Solving quadratic equation Rational expressions Rational expressions Rational expressions Rational expressions Rational expressions Say, 7x, 7x, 7x, 7x, 7x, 7x, 7x, 7x, 7x, 7x			AT1, C1 Less 4a, 4b, 5a, G-2	
Rational expressions  A3, AT1, S3, V7, X7 Rational Expressions: Concepts, Operations and Solving Create single variable equations, solve linear, quadratic and polynomial S2, V2, X2 Linear and Literal Equations and Formulas Create two variable equations to solve problems  G-7, S4, V4, X7 Systems of Linear Equations A4, C1 Less 3a, 3b, 3c, G-1, S4, V3, X5 Graphing System of linear equation System of Linear Equations Systems of Linear Equations Systems of Linear Equations Systems of Linear Equations Function, domain, range J13, K1 C1.4a, G-1, O1, V4, W-1 Functions: Notation, Domain, Range, Properties, etc Representation of functions, table, graph, algebraic J13, K1 C1.4a, G-1, O1, V4, W-1 Functions: Translating, Combining, Graphing, Inverse Function composition and inverse J14, K1 G-2, O1, V11, W-1 Functions: Translating, Combining, Graphing, Inverse Function, rotation and translations about origin Z3 Transformational Geometry Lines and angles, triangles, parallelograms Z7, Z8 Lines and Angles Trigonometric ratios K2 A74, G-4, W-2 Trigonometric ratios K2 A74, G-4, W-2 Trigonometry: Advanced- Identities and Equations Surface area, perimeter and volume of sphere, cones and cylinders Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers Sampling and applications in surveys, experiments and observation Sampling and applications in surveys, experiments and observation Sampling and applications in surveys, experiments and observation SB11, SB14, SB13, SB19, H10 I5 (Unit 12), M3 Statistics: Introductory- Measures of Center and Spread Independence and conditional probability		J7		
Create single variable equations, solve linear , quadratic and polynomial Create two variable equations to solve problems G-7, S4, V4, X7 Systems of Linear Equations Systems of Linear Equations Graphing System of linear equation System of Linear Equations Systems of Linear Equations Graphing Linear Equations Systems of Linea			A3, AT1, S3, V7, X7	Rational Expressions: Concepts, Operations and Solving
Create two variable equations to solve problems  G-7, S4, V4, X7  A4, C1 Less 3a, 3b, 3c, G-1, Systems of Linear Equations  A4, C1 Less 3a, 3b, 3c, G-1, System of linear equation  A5, G-7, K5, S4, V4, X8  Systems of Linear Equations  System of linear equation  A5, G-7, K5, S4, V4, X8  Systems of Linear Equations  A5, G-7, K5, S4, V4, X8  Systems of Linear Equations  Function, domain, range  I13, K1  C1.4a, G-1, O1, V4, W-1  Functions: Notation, Domain, Range, Properties, etc  Function composition and inverse  I14, K1  G-2, O1, V1, W-1  Functions: Translating, Combining, Graphing, Inverse  Reflection, rotation and translations about origin  Ines and angles, triangles, parallelograms  Z7, Z8  Lines and Angles  Trigonometry: Advanced- Identities and Equations  Coordinate geometry 2-D, distance from origin, midpoint formula  I10  A-4, V-3, W-1, X-5, Y-7  Coordinate Geometry  Surface Area and Nets & Volume: Rectangular Prisms, Cones, Pyramids, Cylinders and Spheres  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  Scatter plots, fit data to functions, regression  H8, SB3  I1, M1  Statistics: Inference, Data Analysis, and Normal Distributions  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13, SB2, H7, H14  I4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability  SB16		1	S2, V2, X2	
A4, C1 Less 3a, 3b, 3c, G-1, S4, V3, X5  Graphing Linear Equations  Function, domain, range  J13, K1  C1.4a, G-1, O1, V4, W-1  Functions: Notation, Domain, Range, Properties, etc  Representation of functions, table, graph, algebraic  Function composition and inverse  Function composition and inverse  Function rotation and translations about origin  Lines and angles, triangles, parallelograms  T7, Z8  Transformational Geometry  Lines and Angles  Trigonometric ratios  Coordinate geometry 2-D, distance from origin, midpoint formula  J10  A-4, V-3, W-1, X-5, Y-7  Coordinate Geometry  Surface area, perimeter and volume of sphere, cones and cylinders  Analyze data using dot plot, histogram, mean, median, interquartile range,  Standard deviation, outliers  Sandard deviation, outliers  Sandard deviation, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  Sampling and applications in surveys, experiments and observation  Sampling and applications probability  A4, C1 Less 3a, 3b, 3c, G-7, K5, S4, V4, X8  Systems of Linear Equations  Systems of Linear Equations  Systems of Linear Equations  Punctions: Notation, Domain, Range, Properties, etc  Function, cottain, Domain, Range, Properties, etc  Function, C1, 4, W-1  Functions: Translating, Combining, Graphing, Inverse  Function contains, Range, Properties, etc  Functions: Notation, Domain, Range, Properties, etc  Functions: Notation, Domain, Range, Propenties, etc  Functions: Translating, Combining, Graphing, Inverse  Functions: Translating, Combining, Branding, Inverse  Functions: Translating, C			G-7, S4, V4, X7	
Graphing System of linear equation System of linear equation A5, G-7, K5, S4, V4, X8 Systems of Linear Equations Function, domain, range Function, domain, range Function of functions, table, graph, algebraic Function composition and inverse Functions: Translating, Combining, Graphing, Inverse Function composition, and Functions, Translating, Combining, Graphing, Inverse Function composition, and Functions, Functions: Translating, Combining, Graphing, Inverse Function composition, and Functions, Functions: Translating, Combining, Graphing, Inverse Function composition, and Functions, Functions: Translating, Combining, Graphing, Inverse Function composition, Authors Func	•		A4, C1 Less 3a, 3b, 3c, G-1,	Î
System of linear equation  A5, G-7, K5, S4, V4, X8  Systems of Linear Equations  Function, domain, range  By 113, K1  C1.4a, G-1, O1, V4, W-1  Functions: Notation, Domain, Range, Properties, etc  Representation of functions, table, graph, algebraic  Function composition and inverse  By 114, K1  G-2, O1, V11, W-1  Functions: Translating, Combining, Graphing, Inverse  Function and translations about origin  Lines and angles, triangles, parallelograms  Trigonometric ratios  Coordinate geometry 2-D, distance from origin, midpoint formula  Togonometric ratios  Coordinate geometry 2-D, distance from origin, midpoint formula  Lines and volume of sphere, cones and cylinders  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  Scatter plots, fit data to functions, regression  Lines and observation  By 1910  By 1	Graphing			Graphing Linear Equations
Function, domain, range  Representation of functions, table, graph, algebraic  Function of functions, table, graph, algebraic  Function composition and inverse  Function and translating, Combining, Graphing, Inverse  Function and translations about origin  Function and translating, Combining, Graphing, Inverse  Function and translation and translation and translation and translations and	System of linear equation		A5, G-7, K5, S4, V4, X8	
Representation of functions, table, graph, algebraic  J13, K1  C1.4a, G-1, O1, V4, W-1  Functions: Translating, Combining, Graphing, Inverse  J14, K1  G-2, O1, V11, W-1  Functions: Translating, Combining, Graphing, Inverse  Reflection, rotation and translations about origin  Z3  Transformational Geometry  Lines and angles, triangles, parallelograms  Z7, Z8  Lines and Angles  Trigonometric ratios  Coordinate geometry 2-D, distance from origin, midpoint formula  J10  A-4, V-3, W-1, X-5, Y-7  Coordinate Geometry  Surface Area and Nets & Volume: Rectangular Prisms, Cones,  Pyramids, Cylinders and Spheres  Analyze data using dot plot, histogram, mean, median, interquartile range,  standard deviation, outliers  Satistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  Linear model regression, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  studies  SB19, H10  SB11, SB13, SB2, H7, H14  J4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability  SB16  Probability: Conditional Probability	Function, domain, range	J13, K1	C1.4a, G-1, O1, V4, W-1	Functions: Notation, Domain, Range, Properties, etc
Function composition and inverse  Reflection, rotation and translations about origin  Lines and angles, triangles, parallelograms  Trigonometric ratios  Coordinate geometry 2-D, distance from origin, midpoint formula  J10  A-4, V-3, W-1, X-5, Y-7  Coordinate Geometry  A-4, V-3, W-1, X-5, Y-7  Coordinate Geometry  Surface area, perimeter and volume of sphere, cones and cylinders  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  Scatter plots, fit data to functions, regression  Linear model regression, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13, studies  SB16  Functions: Translating, Combining, Graphing, Inverse  Transformational Geometry  Functions: Translating, Combining, Graphing, Inverse  Transformational Geometry  Lines and Angles  Trigonometry: Advanced- Identities and Equations  Coordinate Geometry  Coordinate Geometry  Surface Area and Nets & Volume: Rectangular Prisms, Cones, Pyramids, Cylinders and Spheres  Surface Area and Nets & Volume: Rectangular Prisms, Cones, Pyramids, Cylinders and Spheres  Statistics: Inference, Data Analysis, and Normal Distributions  Statistics: Box Plots, Dot Plots, Histograms, Scatterplots  Is (Unit 12), M3  Statistics: Inference, Data Analysis, and Normal Distributions  SB11, SB14, SB13, SB2, H7, H14  If (Unit 15)  Statistics: Inference, Data Analysis, and Normal Distributions  SB2, H7, H14  If (Unit 15)  Statistics: Inference, Data Analysis, and Normal Distributions  SB11, SB14, SB13, SB2, H7, H14  If (Unit 15)  Statistics: Inference, Data Analysis, and Normal Distributions  SB11, SB14, SB13, SB2, H7, H14  If (Unit 15)  Statistics: Inference, Data Analysis, and Normal Distributions  Probability: Conditional Probability				
Reflection, rotation and translations about origin  Lines and angles, triangles, parallelograms  Z7, Z8  Lines and Angles  Trigonometric ratios  K2  AT4, G-4, W-2  Trigonometry: Advanced- Identities and Equations  Coordinate geometry 2-D, distance from origin, midpoint formula  I10  A-4, V-3, W-1, X-5, Y-7  Coordinate Geometry  Surface Area and Nets & Volume: Rectangular Prisms, Cones, Pyramids, Cylinders and Spheres  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  SB19, H10  I5 (Unit 20), M2, M3  Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  Linear model regression, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13, studies  SB15, H7, H14  I4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Probability: Conditional Probability	Function composition and inverse	J14, K1		Functions: Translating, Combining, Graphing, Inverse
Trigonometric ratios  K2 AT4, G-4, W-2 Trigonometry: Advanced- Identities and Equations  Coordinate geometry 2-D, distance from origin, midpoint formula J10 A-4, V-3, W-1, X-5, Y-7 Coordinate Geometry  Surface Area and Nets & Volume: Rectangular Prisms, Cones, Pyramids, Cylinders and Spheres  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers SB19, H10 I5 (Unit 20), M2, M3 Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression H8, SB3 I1, M1 Statistics: Box Plots, Dot Plots, Histograms, Scatterplots Linear model regression, correlation coefficient of linear fit Sampling and applications in surveys, experiments and observation SB11, SB14, SB13, studies SB2, H7, H14 I4 (Unit 15) Statistics: Introductory- Measures of Center and Spread Independence and conditional probability SB16 Probability: Conditional Probability	Reflection, rotation and translations about origin		Z3	
Trigonometric ratios  K2 AT4, G-4, W-2 Trigonometry: Advanced- Identities and Equations  Coordinate geometry 2-D, distance from origin, midpoint formula J10 A-4, V-3, W-1, X-5, Y-7 Coordinate Geometry  Surface Area and Nets & Volume: Rectangular Prisms, Cones, Pyramids, Cylinders and Spheres  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers SB19, H10 I5 (Unit 20), M2, M3 Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression H8, SB3 I1, M1 Statistics: Box Plots, Dot Plots, Histograms, Scatterplots Linear model regression, correlation coefficient of linear fit Sampling and applications in surveys, experiments and observation SB11, SB14, SB13, studies SB2, H7, H14 I4 (Unit 15) Statistics: Introductory- Measures of Center and Spread Independence and conditional probability SB16 Probability: Conditional Probability			Z7, Z8	· ·
Coordinate geometry 2-D, distance from origin, midpoint formula  J10  A-4, V-3, W-1, X-5, Y-7  Coordinate Geometry  Surface Area and Nets & Volume: Rectangular Prisms, Cones, Pyramids, Cylinders and Spheres  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  SB19, H10  I5 (Unit 20), M2, M3  Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  H8, SB3  II, M1  Statistics: Inference, Data Analysis, and Normal Distributions  Linear model regression, correlation coefficient of linear fit  I3 (Unit 12), M3  Statistics: Inference, Data Analysis, and Normal Distributions  Sampling and applications in surveys, experiments and observation SB11, SB14, SB13, studies  SB2, H7, H14  I4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability		K2	AT4, G-4, W-2	ÿ
Surface area, perimeter and volume of sphere, cones and cylinders  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  SB19, H10  I5 (Unit 20), M2, M3  Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  H8, SB3  I1, M1  Statistics: Inference, Data Analysis, and Normal Distributions  Linear model regression, correlation coefficient of linear fit  I3 (Unit 12), M3  Statistics: Inference, Data Analysis, and Normal Distributions  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13, studies  SB2, H7, H14  I4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability	Coordinate geometry 2-D, distance from origin, midpoint formula	J10	A-4, V-3, W-1, X-5, Y-7	
Surface area, perimeter and volume of sphere, cones and cylinders  Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  SB19, H10  I5 (Unit 20), M2, M3  Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  H8, SB3  I1, M1  Statistics: Box Plots, Dot Plots, Histograms, Scatterplots  Linear model regression, correlation coefficient of linear fit  I3 (Unit 12), M3  Statistics: Inference, Data Analysis, and Normal Distributions  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13, studies  SB2, H7, H14  I4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability  SB16				Surface Area and Nets & Volume: Rectangular Prisms, Cones,
Analyze data using dot plot, histogram, mean, median, interquartile range, standard deviation, outliers  SB19, H10  I5 (Unit 20), M2, M3  Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  H8, SB3  I1, M1  Statistics: Box Plots, Dot Plots, Histograms, Scatterplots  Linear model regression, correlation coefficient of linear fit  I3 (Unit 12), M3  Statistics: Inference, Data Analysis, and Normal Distributions  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13, studies  SB2, H7, H14  I4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability  SB16	Surface area, perimeter and volume of sphere, cones and cylinders		Z6, Z7	
standard deviation, outliers  SB19, H10  I5 (Unit 20), M2, M3  Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  H8, SB3  I1, M1  Statistics: Box Plots, Dot Plots, Histograms, Scatterplots  Linear model regression, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13,  studies  SB2, H7, H14  I4 (Unit 15)  Statistics: Inference, Data Analysis, and Normal Distributions  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability  SB16  Probability: Conditional Probability	Analyze data using dot plot, histogram, mean, median, interquartile			,
standard deviation, outliers  SB19, H10  I5 (Unit 20), M2, M3  Statistics: Inference, Data Analysis, and Normal Distributions  Scatter plots, fit data to functions, regression  H8, SB3  I1, M1  Statistics: Box Plots, Dot Plots, Histograms, Scatterplots  Linear model regression, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13,  studies  SB2, H7, H14  I4 (Unit 15)  Statistics: Inference, Data Analysis, and Normal Distributions  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability  SB16  Probability: Conditional Probability	range,			
Scatter plots, fit data to functions, regression  H8, SB3  II, M1  Statistics: Box Plots, Dot Plots, Histograms, Scatterplots  Linear model regression, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  SB11, SB14, SB13,  studies  SB2, H7, H14  I4 (Unit 15)  Statistics: Introductory- Measures of Center and Spread  Independence and conditional probability  SB16  Probability: Conditional Probability		SB19, H10	I5 (Unit 20), M2, M3	Statistics: Inference, Data Analysis, and Normal Distributions
Linear model regression, correlation coefficient of linear fit  Sampling and applications in surveys, experiments and observation  Substitutions  Substituti	Scatter plots, fit data to functions, regression	H8, SB3		Statistics: Box Plots, Dot Plots, Histograms, Scatterplots
Sampling and applications in surveys, experiments and observation studies SB11, SB14, SB13, SB2, H7, H14 I4 (Unit 15) Statistics: Introductory- Measures of Center and Spread Probability: Conditional Probability			-	
Independence and conditional probability SB16 Probability: Conditional Probability		SB11, SB14, SB13,		
	studies	SB2, H7, H14	I4 (Unit 15)	Statistics: Introductory- Measures of Center and Spread
Payer theorem applications  SR16  Deshability Conditional Deshability	Independence and conditional probability	SB16		Probability: Conditional Probability
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