



PATHWAY **2** CAREERS

P2C Math: Bridge

Table of Contents & Pacing



Total # of Days **150-195**

Title	Type	Standard(s)	Career(s)	Number of Days	
1. UNDERSTANDING FRACTIONS AND DECIMALS				9-15	
B-1.1	Fractions	Illustration	4.NF.1, 4.NF.2, 4.NF.5, 5.NF.3	Recycling Coordinator	0.5-1
B-1.2	Measuring with Fractions	Illustration	4.MD.1, 4.MD.4, 5.MD.2	Tile Setters	0.5-1
B-1.3	Decimals	Illustration	4.NF.6, 4.NF.7, 5.NBT.3.a, 5.NBT.3.b	Treasurers	0.5-1
B-1.4	Place Value	Illustration	4.NBT.1, 5.NBT.1, 5.NBT.2	Audiologists	0.5-1
B-1.5	Converting Numbers	Illustration	4.NF.6, 5.NBT.2, 5.NBT.3.a	Logistics Engineers	1
B-1.6	Comparing Numbers	Illustration	4.NF.3.a, 4.NF.7, 5.NBT.3.a, 5.NBT.3.b	Financial Analysts	0.5-1
B-1.7	Place Value and Base Ten	Illustration	4.NBT.1, 4.NBT.2, 5.NBT.1	Electromechanical Assemblers	0.5-1
B-1.8	Rounding Numbers	Illustration	4.NBT.3, 5.NBT.3.b, 5.NBT.4	Clinical Laboratory Technicians	0.5-1
B-1.9	Positives and Negatives	Illustration	4.NBT.2, 5.NBT.3.b, 6.NS.5, 6.NS.6.a	Supply Chain Managers	0.5-1
B-1.10	Sums and Differences using Models	Illustration	4.NBT.4, 5.NBT.7	Packaging Machine Operators	0.5-1
B-1.11	Common Denominators	Illustration	4.NF.1, 4.OA.4, 5.NF.1, 5.NF.2	Construction Workers	0.5-1
B-1.12	Adding Fractions and Decimals	Illustration	4.NBT.4, 5.NBT.7, 5.NF.1, 5.NF.2	Transportation Engineer	1
B-1.13	Subtracting Fractions and Decimals	Illustration	4.NBT.4, 5.NBT.7, 5.NF.1, 5.NF.2	Occupational Safety Specialists	1
B-1.14	Mixed Numbers	Illustration	4.NF.3.a, 4.NF.3.b, 4.NF.3.c, 4.NF.3.d, 5.NF.1, 5.NF.2	Food Batchmakers	0.5-1
B-1.15	Adding and Subtracting Mixed Numbers	Illustration	4.NF.3.a, 4.NF.3.b, 4.NF.3.c, 4.NF.3.d, 5.NF.1, 5.NF.2	Install and Repair Technicians	0.5-1
2. PRODUCTS, QUOTIENTS, AND ESTIMATION				6.5-10.5	
B-2.1	Understanding Multiplication and Division	Illustration	4.OA.1, 4.OA.2, 4.OA.3, 5.NF.5.b	Radio Frequency Device Specialists	1
B-2.2	Estimation and Partial Products	Illustration	4.NBT.5, 5.NBT.5, 5.OA.2	Septic Tank Servicers	0.5-1
B-2.3	Products of One-Digit and Multi-Digit Numbers	Illustration	4.NBT.5, 5.NBT.5, 5.OA.2	Agricultural Equipment Operators	0.5
B-2.4	Estimation and Partial Quotients	Illustration	4.NBT.6, 5.NBT.6	Nutritionists	1
B-2.5	Quotients of One-Digit and Multi-Digit Numbers	Illustration	4.NBT.6, 5.NBT.6, 6.NS.2	Forestry and Conservation Science Professors	0.5-1
B-2.6	Products and Quotients using Models	Illustration	4.NF.4.a, 4.NF.4.b, 4.NF.4.c, 5.NBT.7	Talent and Booking Agents	0.5-1



	Title	Type	Standard(s)	Career(s)	Number of Days
B-2.7	Estimating Products and Quotients of Decimals and Fractions	Illustration	4.NF.4.a, 4.NF.4.b, 4.NF.4.c, 5.NBT.7	Biostatisticians	0.5-1
B-2.8	Products of Fractions and Decimals	Illustration	4.NF.4.a, 4.NF.4.b, 4.NF.4.c, 5.NBT.7, 5.NF.4.a	Pharmacy Technicians	0.5-1
B-2.9	Products of Mixed Numbers and Areas of Rectangles	Illustration	4.OA.3, 5.NF.4.b, 5.NF.5.a, 5.NF.5.b, 5.NF.6	Animal Trainers	0.5-1
B-2.10	Quotients of Fractions and Decimals	Illustration	4.NF.4.a, 4.NF.4.b, 4.NF.4.c, 5.NBT.7, 5.NF.4.a, 6.NS.1	Restaurant Cooks	0.5-1
B-2.11	Using Quotients and Unit Fractions	Illustration	4.NF.4.a, 4.NF.4.b, 4.NF.4.c, 5.NF.7.a, 5.NF.7.b, 5.NF.7.c	Order Fillers	0.5-1
3. EXPLORING THE NUMBER SYSTEM					7.5-8
B-3.1	Closure of Rational Numbers	Illustration	7.NS.1.d, 7.NS.2.a, 7.NS.2.b, 7.NS.2.d, 8.NS.1	Media Programming Directors	1
B-3.2	Converting Rational Numbers	Illustration	7.NS.2.a, 7.NS.2.b, 7.NS.2.d	Commodities Brokers	1
B-3.3	Inverse Operations with Rational Numbers	Illustration	4.OA.3, 7.NS.1.a, 7.NS.1.c, 7.NS.2.c, 7.NS.3	Optometrists	1
B-3.4	Ordering Numbers	Illustration	4.NBT.2, 5.NBT.3.a, 5.NBT.3.b	Forest Fire Prevention Specialists	1
B-3.5	Operations with Numbers	Illustration	4.NBT.4, 5.NBT.5, 5.NBT.6, 7.NS.1.d	Benefits Specialists	0.5
B-3.6	Mental Computation	Illustration	4.OA.3, 7.EE.3	Construction Managers	0.5
B-3.7	Order of Operations	Illustration	5.OA.1, 5.OA.2, 7.EE.3	Nursing Professors	0.5-1
B-3.8	Distance On the Number Line	Illustration	6.NS.5, 6.NS.7.c, 6.NS.7.d, 7.NS.1.b, 7.NS.1.c	Choreographers	1
B-3.9	Introduction to Absolute Value	Illustration	6.NS.7.c, 6.NS.7.d, 7.NS.1.b	Refrigeration Operators	1
4. FACTORS, MULTIPLES, AND PATTERNS					11-13.5
B-4.1	Factors	Illustration	4.OA.1, 4.OA.4, 5.OA.3	Flight Attendants	1
B-4.2	Using Factors	Illustration	4.OA.4, 6.NS.4	Arbitrators	1
B-4.3	Multiples	Illustration	4.OA.4, 6.NS.4	Personal Service Supervisors	0.5-1
B-4.4	The Least Common Multiple	Illustration	4.OA.4, 5.NBT.6, 6.NS.4	Project Management Specialists	0.5-1
B-4.5	The Greatest Common Factor	Illustration	4.OA.4, 5.NBT.6, 6.NS.4	Web Developers	0.5
B-4.6	Applying the Greatest Common Factor in Factoring Expressions	Illustration	6.NS.4, 7.EE.1, 7.EE.2	Financial Quantitative Analysts	1
B-4.7	Finding Patterns in Ordered Pairs	Illustration	4.OA.5, 5.OA.3, 8.F.1	Coaches	0.5-1
B-4.8	Numerical and Geometrical Patterns	Illustration	4.OA.5, 5.OA.3	Art Therapists	0.5-1
B-4.9	Comparing Patterns	Illustration	4.OA.5, 5.OA.3	Environmental Economists	1



	Title	Type	Standard(s)	Career(s)	Number of Days
B-4.10	Relations	Illustration	5.OA.3, 6.RP.1, 6.RP.2	Customer Service Representatives	0.5-1
B-4.11	Functions and Relationships	Illustration	6.RP.3.a, 6.RP.3.d, 7.RP.2.a, 7.RP.2.c, 7.RP.2.d	Barbers	1
B-4.12	Inclusive and Exclusive Sets	Illustration	6.EE.5, 6.EE.8, 7.EE.4.b	Nursing Assistants	1
B-4.13	Domain and Range	Illustration	6.EE.5, 8.F.1	Chiropractors	1
B-4.14	Interval Notation	Illustration	6.EE.5, 6.EE.8, 7.EE.4.b	Software Quality Assurance Analysts (SQA Analysts)	1
5. EXPLORING EXPONENTS					10-13
B-5.1	Squaring a Number	Illustration	5.NBT.2, 6.EE.1	Administrative Assistants	1
B-5.2	Using Exponents	Illustration	5.NBT.2, 6.EE.1, 7.EE.2, 8.EE.1	Hearing Aid Specialists	1
B-5.3	Evaluating Exponents	Illustration	5.NBT.2, 6.EE.1	Database Architects	0.5-1
B-5.4	Translating Exponents	Illustration	5.NBT.2, 6.EE.1	Materials Scientists	0.5-1
B-5.5	Powers of 10	Illustration	4.NBT.1, 5.NBT.1, 5.NBT.2	Biochemists	0.5-1
B-5.6	Operations with Powers of 10	Illustration	5.NBT.1, 5.NBT.2, 8.EE.4	Cytotechnologists	0.5-1
B-5.7	Order of Operations with Exponents	Illustration	5.OA.1, 5.OA.2, 6.EE.1, 6.EE.2.c	Engineering Professors	1
B-5.8	Introduction to Exponential Expressions	Illustration	6.EE.1, 8.EE.1	Precision Agriculture Technicians	1
B-5.9	Introduction to Square Roots	Illustration	6.EE.2.c, 6.EE.5, 6.EE.7, 7.EE.4.a, 8.EE.2	Freight Forwarders	1
B-5.10	Square Roots	Illustration	5.NBT.2, 6.EE.1, 8.EE.2	Electronics Assemblers	1
B-5.11	Inverse of an Exponent	Illustration	6.EE.2.c, 6.EE.5, 6.EE.7, 7.EE.4.a	Government Property Inspectors	1
B-5.12	Types of Roots	Illustration	6.EE.2.c, 6.EE.5, 6.EE.7, 7.EE.4.a, 8.EE.2	Biomedical Engineers	1-2
6. ALGEBRAIC EXPRESSIONS AND EQUATIONS					13-15
B-6.1	Parts of Expressions	Illustration	6.EE.2.a, 6.EE.2.b, 6.EE.2.c, 7.EE.2	Community Health Workers	1
B-6.2	Expressions	Illustration	6.EE.3, 6.EE.4, 7.EE.1, 7.EE.2	Retail Supervisors	1
B-6.3	Writing and Solving Equations	Illustration	6.EE.6, 6.EE.7, 7.EE.4.a	Nurse Anesthetists	1
B-6.4	Solving One-Step Equations with Addition or Subtraction	Illustration	6.EE.5, 6.EE.7, 7.EE.4.a, 8.EE.7.b	Acupuncturists	1
B-6.5	Solving One-Step Equations with Multiplication or Division	Illustration	6.EE.5, 6.EE.7, 7.EE.4.a, 8.EE.7.b	Orthotists and Prosthetists	1
B-6.6	Solutions to Two-Step Equations	Illustration	6.EE.5, 6.EE.7, 7.EE.4.a, 8.EE.7.b	Technical Writers	1-2
B-6.7	Solutions to Multi-Step Equations	Illustration	6.EE.5, 7.EE.4.a, 8.EE.7.b	Computer Science Professors	1



	Title	Type	Standard(s)	Career(s)	Number of Days
B-6.8	Introduction to Inequalities	Illustration	4.NF.2, 4.NF.7, 5.NBT.3.b, 6.EE.8, 6.NS.7.a, 6.NS.7.b	Climate Change Policy Analysts	1
B-6.9	Graphing Inequalities in One Variable	Illustration	6.EE.5, 7.EE.4.b	Surgical Assistants	1
B-6.10	Writing and Solving Inequalities	Illustration	6.EE.8, 7.EE.4.a, 7.EE.4.b	Fuel Cell Engineers	1
B-6.11	One-Step Inequalities with Addition and Subtraction	Illustration	6.EE.5, 6.EE.8, 7.EE.4.b	Curators	1
B-6.12	One-Step Inequalities with Multiplication and Division	Illustration	6.EE.5, 7.EE.4.b, 8.EE.7.b	Organizational Psychologists	1
B-6.13	Multi-Step Inequalities	Illustration	6.EE.5, 7.EE.4.b, 8.EE.7.b	Healthcare Social Workers	1-2
7. RATES, RATIOS, PERCENTS					14-16
B-7.1	Understanding Ratios	Illustration	5.NF.3, 6.RP.1	Licensed Vocational Nurses	1
B-7.2	Understanding Rates	Illustration	6.RP.3.a, 6.RP.3.d, 7.RP.2.a	Commercial Divers	1
B-7.3	Measurement Units	Illustration	4.MD.1, 5.MD.1	Highway Maintenance Workers	1-2
B-7.4	Conversion Ratios	Illustration	6.RP.1, 6.RP.2, 6.RP.3.d, 7.RP.1	Architects	1
B-7.5	Ratios and Rates	Illustration	6.RP.1, 6.RP.3.a, 7.RP.1, 7.RP.3	Medical Records Specialists	1
B-7.6	Unit Rates	Illustration	6.RP.2, 7.RP.1	Loading Equipment Supervisors	1
B-7.7	Using Unit Rates	Illustration	6.RP.2, 7.RP.1	Light Truck Drivers	1
B-7.8	Percents as Ratios	Illustration	6.RP.3.b, 6.RP.3.c, 7.RP.2.b, 7.RP.3	Marketing Managers	1
B-7.9	Percents and Rates	Illustration	6.RP.3.b, 6.RP.3.c, 7.RP.2.b	Online Merchants	1
B-7.10	Unit Rates as Slope	Illustration	7.RP.1, 7.RP.2.a, 7.RP.2.b, 8.F.4	Business Intelligence Analysts	1-2
B-7.11	Proportions and Slope	Illustration	6.RP.2, 7.RP.1, 7.RP.2.a, 7.RP.2.b	Semiconductor Processing Technicians	1
B-7.12	Using Slope	Illustration	6.RP.3.b, 7.RP.2.c, 7.RP.2.d	Physician Assistants	1
B-7.13	Direct Variation	Illustration	7.RP.2.a, 7.RP.2.b, 7.RP.2.d, 8.F.4	Conveyer Operators	1
B-7.14	Indirect Variation	Illustration	7.RP.2.a, 7.RP.2.b, 7.RP.2.d, 8.F.4	Food Science Technicians	1
8. EVALUATING AND UNDERSTANDING FUNCTIONS					12-17
B-8.1	Evaluating Functions using Graphs	Illustration	6.EE.6, 6.EE.7, 7.EE.4.a	Massage Therapists	1
B-8.2	Evaluating Functions	Illustration	6.EE.6, 6.EE.7, 6.RP.3.a, 7.EE.4.a	Magnetic Resonance Imaging Technologists	1
B-8.3	Solving for an Input	Illustration	6.EE.5, 8.F.1	Food Production Supervisors	1
B-8.4	Comparing Tables of Values	Illustration	6.EE.5, 6.EE.9, 6.RP.3.a, 8.EE.8.a	Search Marketing Strategists	0.5-1
B-8.5	Comparing Graphs and Equations	Illustration	6.EE.9, 8.EE.8.a	Business Professors	0.5-1
B-8.6	Sets of Functions	Illustration	6.EE.5, 6.EE.9, 6.RP.3.a, 8.EE.8.a	Sales Engineers	1
B-8.7	Solving Equations by Graphing	Illustration	6.EE.7, 7.EE.4.a, 8.EE.8.a	Veterinary Technicians	1



	Title	Type	Standard(s)	Career(s)	Number of Days
B-8.8	Comparing Inequalities	Illustration	6.EE.5, 6.EE.8, 7.EE.4.b	Clinical Research Coordinators	1
B-8.9	Sets of Inequalities	Illustration	6.EE.5, 6.EE.8, 7.EE.4.b	Concierges	1
B-8.10	Exponential Expressions	Illustration	6.EE.1, 6.EE.5, 8.F.1	Genetic Counselors	1-2
B-8.11	Graphs of Quadratics	Illustration	5.G.2, 6.EE.1, 8.EE.1, F-IF.7.a	Management Analysts	1-2
B-8.12	Quadratic Expressions	Illustration	6.EE.1, 6.EE.5, 8.EE.2	Health Specialties Professors	1-2
B-8.13	Absolute Value Expressions	Illustration	6.EE.1, 6.EE.5, 7.NS.1.b	Sports Officials	1-2
9. DATA DISPLAYS					13-15
B-9.1	Introduction to Statistics	Illustration	6.SP.1, 7.SP.1, 7.SP.2	Health Informatics Specialists	1
B-9.2	Statistical Questions	Illustration	6.SP.1, 7.SP.1, 7.SP.2	Public Relations Managers	1
B-9.3	Describing Data	Illustration	6.SP.2, 6.SP.3, 6.SP.5.a, 6.SP.5.b, 6.SP.5.c, 6.SP.5.d, 7.SP.4	Clinical Psychologists	1
B-9.4	Central Tendency	Illustration	6.SP.2, 6.SP.3, 6.SP.5.b, 6.SP.5.c, 6.SP.5.d, 7.SP.4	Athletes	1
B-9.5	Measures of Variability	Illustration	6.SP.3, 6.SP.5.b, 6.SP.5.c, 6.SP.5.d, 7.SP.3	Neurodiagnostic Technologists	1
B-9.6	Graphs of Data	Illustration	6.SP.2, 6.SP.3, 6.SP.5.b, 6.SP.5.c, 6.SP.5.d, 7.SP.3	Surgical Technologists	1
B-9.7	Displaying Data on Stem and Leaf Plots and Dot Plots	Illustration	6.SP.4, 6.SP.5.c, 7.SP.3, 7.SP.4	Shuttle Drivers	1
B-9.8	Displaying Data on Histograms and Box Plots	Illustration	6.SP.4, 6.SP.5.c, 7.SP.3, 7.SP.4	Administrative Services Managers	1
B-9.9	Displaying Data on Circle Graphs and Frequency Tables	Illustration	6.RP.3.c, 7.RP.2.c, 7.SP.2, 7.SP.5	Human Resources Managers	1
B-9.10	Bivariate Graphs	Illustration	6.SP.5.b, 8.SP.1	Logistics Analysts	1
B-9.11	Drawing Trend Lines	Illustration	6.SP.5.b, 8.SP.1, 8.SP.2	Training Specialists	1
B-9.12	Using Trend Lines	Illustration	6.SP.5.b, 7.SP.1, 8.SP.3	Speech-Language Pathologists	1-2
B-9.13	Two-Way Tables	Illustration	6.RP.3.c, 8.SP.4	Medical Registrars	1-2
10. PROBABILITY					10-11
B-10.1	Introduction to Probability	Illustration	6.RP.3.c, 7.SP.5	Occupational Safety Technicians	1
B-10.2	Theoretical and Experimental Probability	Illustration	6.RP.3.c, 7.SP.6, 7.SP.7.a, 7.SP.7.b	Bioinformatics Technicians	1-2
B-10.3	Empirical Probabilities	Illustration	6.RP.3.c, 7.SP.5, 7.SP.8.a, 7.SP.8.b, 7.SP.8.c	Endoscopy Technicians	1
B-10.4	Probability Models and Simulations	Illustration	6.RP.3.c, 7.SP.8.a, 7.SP.8.b, 7.SP.8.c, 8.SP.4	Health Services Managers	1
B-10.5	Theoretical Probability	Illustration	7.SP.5, 7.SP.6, 7.SP.7.a, 7.SP.7.b	Mental Health Counselors	1



	Title	Type	Standard(s)	Career(s)	Number of Days
B-10.6	Independent and Dependent Events	Illustration	7.SP.8.a, 7.SP.8.b, 8.SP.4	Private Detectives	1
B-10.7	Probabilities with and without Replacement	Illustration	6.RP.3.c, 7.SP.8.a, 7.SP.8.b, 7.SP.8.c	Computer Scientists	1
B-10.8	Probabilities with Replacement	Illustration	6.RP.3.c, 7.SP.8.a, 7.SP.8.b, 7.SP.8.c, 8.SP.4	Administrative Supervisors	1
B-10.9	Probabilities without Replacement	Illustration	6.RP.3.c, 7.SP.8.a, 7.SP.8.b, 7.SP.8.c, 8.SP.4	Mental Health Social Workers	1
B-10.10	Probabilities with Conditions	Illustration	6.RP.3.c, 7.SP.8.a, 7.SP.8.b, 8.SP.4	Veterinary Assistants	1
11. GEOMETRY FOUNDATIONS					13.5-19
B-11.1	Geometry Definitions	Illustration	4.G.1, 5.G.1, 5.G.2	Video Game Designers	1
B-11.2	Geometric Names and Drawings	Illustration	4.G.1, 7.G.2	Agricultural Sciences Professors	1-2
B-11.3	Graphing in the Coordinate Plane	Illustration	5.G.2, 6.G.3, 6.NS.6.b, 6.NS.6.c	Tour Guides and Escorts	0.5-1
B-11.4	Plotting Two-Dimensional Figures	Illustration	4.G.1, 6.G.3, 6.NS.6.b, 6.NS.6.c, 6.NS.8, 7.G.2	Geographic Information System Analysts (GIS Analysts)	0.5-1
B-11.5	Geometric Figures	Illustration	4.G.1, 6.G.3, 6.NS.8, 7.G.2	Fine Artists	1-2
B-11.6	Measuring Angles	Illustration	4.MD.5.a, 4.MD.5.b, 7.G.2	Entertainment and Recreation Supervisors	0.5-1
B-11.7	Adding and Subtracting Angles	Illustration	4.MD.7, 7.G.5	Manufacturing Engineers	0.5-1
B-11.8	Lines and Angles	Illustration	7.G.2, 7.G.5, 8.G.1.a, 8.G.1.b, 8.G.1.c, 8.G.5	Ophthalmic Medical Technicians	1
B-11.9	Angle Relationships	Illustration	4.MD.7, 7.G.5, 8.G.1.a, 8.G.1.b, 8.G.1.c	Farm Labor Contractors	1
B-11.10	Properties of Angles	Illustration	4.MD.7, 7.G.5, 8.G.1.a, 8.G.1.b, 8.G.1.c	Floor Layers	1
B-11.11	Types of Triangles	Illustration	4.G.2, 7.G.2, 8.G.1.a, 8.G.1.b, 8.G.1.c	Dental Assistants	0.5-1
B-11.12	Interior and Exterior Angles of Triangles	Illustration	4.MD.5.a, 4.MD.5.b, 4.MD.6, 5.G.3, 7.G.2	Machinery Maintenance Workers	1
B-11.13	Triangle Side Lengths	Illustration	4.G.1, 5.G.3, 7.G.2	Transit Bus Drivers	1
B-11.14	Side-Angle-Side and Side-Side-Side Triangles	Illustration	6.G.3, 7.G.2, 8.G.1.a, 8.G.1.b, 8.G.1.c, 8.G.5	Computer Hardware Engineers	1
B-11.15	Angle-Side-Angle, Angle-Angle-Side, and Hypotenuse-Leg Triangles	Illustration	6.G.3, 7.G.2, 8.G.1.a, 8.G.1.b, 8.G.1.c, 8.G.5	Occupational Therapy Aides	1
B-11.16	Introduction to the Pythagorean Theorem	Illustration	7.EE.4.a, 8.EE.2, 8.G.7, 8.G.8	Independent Repair Workers	1-2



Title		Type	Standard(s)	Career(s)	Number of Days
12. PROPORTIONS AND TRANSFORMATIONS					11-13
B-12.1	Logical Claims	Illustration	7.G.1, 7.G.5, 8.G.2, 7.G.4	Vision Rehabilitation Therapists (VRT)	0.5-1
B-12.2	Supporting Claims	Illustration	7.G.5, 8.G.5	Lawyers	0.5-1
B-12.3	Unit Rates and Proportional Relationships	Illustration	6.RP.2, 7.RP.1, 8.EE.5	Development Managers	1
B-12.4	Slope	Illustration	6.RP.2, 7.RP.1, 7.RP.2.a, 7.RP.2.b, 8.EE.5	Medical Assistants	1
B-12.5	Slope with Similar Triangles	Illustration	6.RP.2, 7.G.1, 8.EE.6	Groundskeepers	1-2
B-12.6	Using and Interpreting Slope	Illustration	7.RP.1, 7.RP.2.a, 7.RP.2.b, 8.EE.5	Office Clerks	1
B-12.7	Rigid Transformations	Illustration	7.G.2, 8.G.1.a, 8.G.1.b, 8.G.1.c, 8.G.2, 8.G.3	Machine Feeders	1
B-12.8	Using Rigid Transformations	Illustration	7.G.2, 8.G.1.a, 8.G.1.b, 8.G.1.c, 8.G.2, 8.G.3	Dancers	1
B-12.9	Dilated Figures	Illustration	7.G.1, 7.RP.2.c, 8.G.3, 8.G.4	Archivists	1
B-12.10	Scale Drawings	Illustration	7.G.1, 7.RP.2.c, 8.G.3, 8.G.4	Security Managers	1
B-12.11	Understanding Similar Figures Using Ratios	Illustration	5.NF.3, 6.RP.1, 7.G.1, 8.G.4	Motorboat Mechanics	1
B-12.12	Drawing Similar Figures	Illustration	6.RP.1, 7.G.1, 7.G.2, 8.G.4	Telecommunications Equipment Installers and Repairers	1
13. TWO-DIMENSIONAL FIGURES					12.5-19
B-13.1	Quadrilaterals	Illustration	4.G.2, 5.G.3, 5.G.4	Occupational Therapy Assistants	0.5-1
B-13.2	Using Quadrilaterals	Illustration	4.G.2, 5.G.3, 5.G.4	Clinical Neuropsychologists	0.5-1
B-13.3	Drawing Polygons	Illustration	4.G.2, 5.G.3, 5.G.4, 7.G.2	Delivery Drivers	0.5-1
B-13.4	Lines of Symmetry	Illustration	4.G.2, 4.G.3, 5.G.3, 5.G.4	Makeup Artists	0.5-1
B-13.5	Units of Measurement	Illustration	4.MD.1, 4.MD.2, 5.MD.1	Travel Guides	0.5-1
B-13.6	Length in the Coordinate Plane	Illustration	4.MD.3, 5.G.2, 6.G.1, 6.G.3, 6.NS.8, 7.G.6	Geodetic Surveyors	1
B-13.7	Perimeter of Geometric Figures	Illustration	4.MD.3, 6.G.1, 6.G.3, 7.G.6	Tax Appraisers	1
B-13.8	Using Perimeter of Polygons	Illustration	4.MD.3, 6.G.1, 6.G.3, 7.G.6, 8.G.8	Fishing and Hunting Workers	1
B-13.9	Developing Area Formulas	Illustration	4.MD.3, 5.G.2, 6.G.1, 6.G.3, 6.NS.8, 7.G.6	Art Directors	1-2
B-13.10	Area of Geometric Figures	Illustration	4.MD.3, 6.G.1, 6.G.3, 7.G.6	Mechanical Door Repairers	1-2
B-13.11	Circumference	Illustration	7.G.4	Paramedics	1



	Title	Type	Standard(s)	Career(s)	Number of Days
B-13.12	Area of Circles	Illustration	7.G.4	Physical Therapist Assistants	1
B-13.13	Area and Circumference of Circles	Illustration	7.G.4	Skincare Specialists	1
B-13.14	Circles and Sectors in the Coordinate Plane	Illustration	5.NF.4.a, 5.NF.4.b, 7.G.4	Substance Abuse Counselors	1-2
B-13.15	Composite Figures in the Coordinate Plane	Illustration	4.MD.3, 5.NF.4.a, 5.NF.4.b, 6.G.1	Security Guards	1-2
14. THREE-DIMENSIONAL FIGURES					7-10
B-14.1	Three-Dimensional Figures	Illustration	6.G.4, 7.G.3	Farm Equipment Mechanics	0.5-1
B-14.2	Faces of Prisms and Pyramids	Illustration	6.G.4, 7.G.3	Human Resources Specialists	1
B-14.3	Surface Area	Illustration	6.G.4, 7.G.6	Recreational Vehicle Service Technicians	1
B-14.4	Surface Area from Nets	Illustration	6.G.4, 7.G.6	Residential Advisors	1
B-14.5	Surface Area of Prisms and Cylinders	Illustration	6.G.4, 7.G.6	Midwives	1-2
B-14.6	Volume by Inspection	Illustration	5.MD.3.a, 5.MD.3.b, 5.MD.4, 5.MD.5.a, 5.MD.5.b, 5.MD.5.c	Dock Workers	0.5-1
B-14.7	Volume of Prisms and Cylinders	Illustration	6.G.1, 6.G.2, 7.G.3, 7.G.6	Environmental Engineers	1
B-14.8	Using Volume of Prisms and Cylinders	Illustration	6.G.2, 7.G.6, 8.G.9	Phlebotomists	1-2