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Username is your lunch number @bevillemiddle (EX: 123456@bevillemiddle)

There are a variety of default passwords some typical ones are the student's birthday, bobcat, bobcat1

If your birthday is your password it is the eight digit birthday

(EX: If your birthday is March 04, 2007, your password would be 03042007)

Math 8 IXL

Unit 1 Real Numbers

Standard	Description	IXL
8.2	describe the relationships between the subsets of the real number system.	A.9, D.5
8.3a	estimate and determine the two consecutive integers between which a square root lies; and	F.17
8.3b	determine both the positive and negative square roots of a given perfect square.	F.15, F.16
8.1	compare and order real numbers.	B.4, D.7, D.8, G.2, J.2

Unit 2 Consumer Math

Standard	Description	IXL
8.4	solve practical problems involving consumer applications.	J.6-7, J.11, K.1-11

Unit 3 Algebraic Applications

Standard	Description	IXL
8.14a	evaluate an algebraic expression for given replacement values of the variables.	V.5-9
8.9a	verify the Pythagorean Theorem.	
8.9b	apply the Pythagorean Theorem.	R.1-5

Unit 4 Geometry

Standard	Description	IXL
8.5	use the relationships among pairs of angles that are vertical angles, adjacent angles, supplementary angles, and complementary angles to determine the measure of unknown angles.	O.13, O.14
8.7a	given a polygon, apply transformations, to include translations, reflections, and dilations, in the coordinate plane	P.4, P.6-9, Q.2-3
8.7b	identify practical applications of transformations.	H.12-13
8.8	construct a three-dimensional model, given the top or bottom, side, and front views.	S.2-4

Unit 5 Measurement

Standard	Description	IXL
8.10	solve area and perimeter problems, including practical problems, involving composite plane figures.	T.1-7
8.6a	solve problems, including practical problems, involving volume and surface area of cones and square-based pyramids.	T.11, T.13
8.6b	describe how changing one measured attribute of a rectangular prism affects the volume and surface area.	

"-" means through

Example: P.6-9 = P.6, P.7, P.8, P.9

Continued on page 2

Unit 6 Equations and Inequalities

Standard Description	IXL
8.14b simplify algebraic expressions in one variable.	V.13-16
8.17 solve multistep linear equations in one variable with the variable on one or both sides of the equation, including practical problems that require the solution of a multistep linear equation in one variable.	W.1, W.3-4, W.8-14
8.18 solve multistep linear inequalities in one variable with the variable on one or both sides of the inequality symbol, including practical problems, and graph the solution on a number line.	X.1, X.6-9

Unit 7 Functions and Graphing

Standard Description	IXL
8.15a determine whether a given relation is a function.	Z.1
8.15b determine the domain and range of a function.	Z.22
8.16a recognize and describe the graph of a linear function with a slope that is positive, negative, or zero.	
8.16b identify the slope and y-intercept of a linear function given a table of values, a graph, or an equation in $y = mx + b$ form.	Y.1-2, Y.4
8.16c determine the independent and dependent variable, given a practical situation modeled by a linear function.	Z.3
8.16d graph a linear function given the equation in $y = mx + b$ form.	Y.6
8.16e make connections between and among representations of a linear function using verbal descriptions, tables, equations, and graphs.	Y.6-12, Z.8-11, Z.13-15, Z.21

Unit 8 Statistics and Probability

Standard Description	IXL
8.11a compare and contrast the probability of independent and dependent events.	EE.7
8.11b determine probabilities for independent and dependent events.	EE.8
8.12a represent numerical data in boxplots.	
8.12b make observations and inferences about data represented in boxplots.	CC.14
8.12c compare and analyze two data sets using boxplots.	CC.14
8.13a represent data in scatterplots.	
8.13b make observations about data represented in scatterplots.	CC.15, DD.8
8.13c use a drawing to estimate the line of best fit for data represented in a scatterplot.	DD.9