Recommended Practice for 8th Grade Math Review (& 9th Preview) - www.ixl.com

*To practice more than 20 problems per day a membership is required - BMS pays for memberships for all students during school year but expire at year end; prices are VERY reasonable-see website for pricing; A GRADE is earned on each skill; for each problem missed a full explanation is provided :)

IXL 8TH GRADE MATH SECTION	CONT. : IXL ALG 1 MATH SECTION	CONT. : IXL ALG 1 MATH SECTION
Exponents & Roots F.1-F.21	VARIABLE EXPRESSIONS & EQUATIONS:	LINEAR FUNCTIONS:
Transformations & Congruence P.2-P.8	I.4 Write variable expressions	S.2 Find slope from a graph
Pythagorean Theorem R.1 - R.5	I.5 Simplify variable expressions w/like terms & dist prop	S.3 Find slope from two points
Geometric Measurement T.7-T.16	I.6 Which x satisfies an equation?	S.6 Slope Interc Form: graph an equation
Linear Equations Y.1- Y.13	I.7 Solve equations using order of operations	S.9 Slope Interc Form: write an Equ from a table
Functions Z.1 - Z.18	I.8 Rearrange multi-variable equations	S.11 Linear Equ: solve for y
Systems of Equations AA.1 - AA.11		S.12 Write linear Equ to solve Word Probs
Statistics DD.1 - DD.9	SOLVE EQUATIONS:	S.13 Complete a table & graph a linear function
	J.4 Solve 2 step linear equations	S.14 Compare Linear Fns: graphs, tables, Equations
IXL ALGEBRA 1 MATH SECTION:	J.5 Solve advanced linear equations	S.18 Equations of Horizontal & Vertical Lines
NUMBERS:	J.6 Solve Equations with variables on both sides	S.19 Graph a horizontal or vertical line
A. 1 Compare/Order rationals	J.7 Solve Equations: Complete the solutions	S.23 Slopes of parallel (same slope) and
A.6 Square Roots	J.8 Find the number of solutions	perpendicular (opposite reciprocal slopes) lines
A.7 Cube Roots	J.11 Solve linear Equations with mixed review	S.24 Write Equations for parallel & perpend lines
RATES, RATIONS, PROPORTIONS:		LINEAR INEQUALITIES (PREVIEW SKILL FOR 9TH):
D.1 Convert Percents, Fractions, Decimals	SINGLE VARIABLE INEQUALITIES:	T.1 - T.6 ALL -----
D.2-D.8 Percent Applications	K.1 - K.9 ALL -----	SYSTEMS OF LINEAR EQUATIONS:
GEOMETRY:		U.1 Is (x,y) a solution?
F.6 Similar Figures: Side Lengths, Angle measures	RELATIONS & FUNCTIONS:	U.2 Solve systems by graphing
F.8 Dilaitons and Scale Factors	Q.1 Convert tables, graphs, mappings….	U.3 Solve systems by graphing - word problems
F.9 Area & Perimeter of Similar Figures	Q.2 Domain & Range of Functions	U.4 Find number of solutions by graphing
F.14 Pythagorean Theorem	Q.3 Identify Indep & Dependent Variables	U.5 Find number of solutions to a system
F.15 Pyth Theorem - Word Probs	Q.4 Identify Functions	U.6 Classify a System of Equ by Graphing
F.16 Converse of Pyth Theorem-is it a right triangle?	Q.5 Identify Functions: vertical line test	U.8 -- U.11 ALL--Subst & Elimination Methods
COORDINATE PLANE:	Q.6 Find Values using function graphs	EXPONENTS:
G.3 Distance (use Pyth Theor or distance formula)	Q.7 Evaluate a function	V. 1 - V.9 ALL ----
	Q.9 Complete a function table from a graph	SCIENTIFIC NOTATION:
	Q.10 Complete a function table from an equation	W.1 - W.4 ALL--- (Conver, Compare, Mult, Divide)
	Q.11 Interpret the graph of a function: word probs	