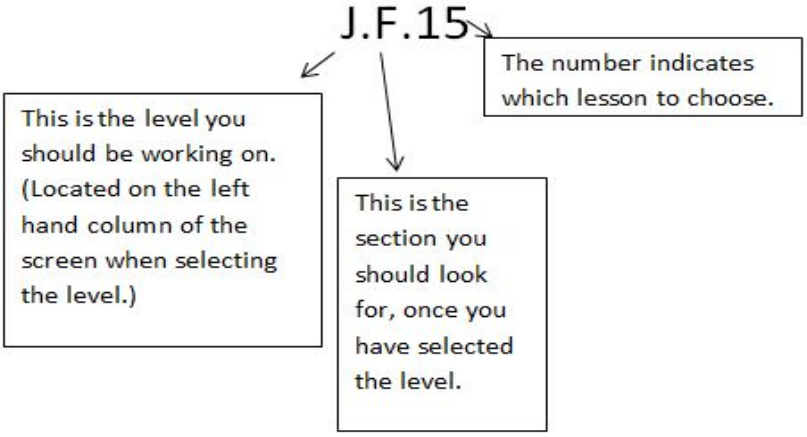
Name: _____

Non-Traditional Instruction (NTI) Day 26 and Beyond

https://www.ixl.com/math/grade-8

Complete these IXL assignments at your own pace starting at part one, then part two, and so on. Our goal for you is to work on math **2 hours each week**, so closely monitor the time spent actively working. The assignment is considered finished once you **reach 80%**. Some of the assignments will take longer than others. Pace yourself and use the feedback given to assist you.

Please note--some of these assignments may have been completed at a previous time. Continued practice and review is essential for reviewing and preparing for your transition to highschool. Opening the assignment again will provide further practice and different problems. **You need to practice even if you have received a medal for the assignment already.** Mark the day you have completed the assignment in that column--all of which should fall during NTI days.



Email or call your teacher with specific questions or further assistance.

Part	Descriptors "I can…"	IXL Lesson	Unit Covering Content	Date of Completion
1	find the square root of perfect square	J.F.15	Unit 1	

	evaluate expressions that have positive exponents	J.F.2	Unit 11	
	identify and plot points	J.N.1	Unit 4	
	solve equations in the form ax + b =c	I.S.6	Unit 2	
	find the volume of cone	J.T.11	Unit 8	
	find volume of cylinder	J.T.10	Unit 8	
	identify corresponding parts of congruent figures	J.P.14	Unit 10	
	translate a figure	J.P.6 J.P.7	Unit 9	
	determine if relation in scatter plot is positive or negative	J.CC.15	Unit 6	
2	recognize if the value of a square root is rational or irrational	J.D.5	Unit 1	

	apply rules of exponents to multiply positive powers	J.F.8	Unit 11	
	identify and plot points on a graph	J.N.1	Unit 4 & 5	
	describe and find the slope of a line	J.Y.1 J.Y.2 J.Y.4	Unit 4 & 5	
	identify linear functions and linear associations	J.Z.16	Unit 7	
	describe relationships between values in a table	J.CC.1	Unit 4 & 7	
	identify corresponding parts of similar figures	J.Q.1 J.Q.5	Unit 10	
	translate and reflect a figure	J.P.4 J.P.5 J.P.6	Unit 9	
	choose a line of best fit	J.DD.9	Unit 6	
3	locate on a number line an approximate location of an irrational square root	J.F.16	Unit 1	

	find perfect cube roots	J.F.20	Unit 1	
	classify real numbers	J.A.8	Unit 1	
	solve an interpret a system of equations using graphs	J.AA.2	Unit 5	
	compare and solve proportional relationships	I.J.6	Unit 10	
	identify linear versus non-linear functions	J.Z.1	Unit 7	
	compare functions using tables, equations, and graphs	J.Z.12 J.Z.13	Unit 7	
	determine and interpret slope and rate of change	J.Z.5 J.Z.6	Unit 4, 5 & 7	
	apply a single geometric transformation	J.P.6 J.P.7 J.P.10 J.P.11	Unit 9	
	use angle relationships to determine similarity of triangles	L.P.5 L.P.7	Unit 10	

	solve problems using volume of cylinders, cones, and spheres	K.F.4	Unit 8	
	apply Pythagorean Theorem	J.R.1 J.R.2	Unit 3	
	interpret scatter plots and line of best fit	J.DD.9	Unit 6	
4	classify and locate real, irrational, and rational numbers on a number line	J.D.5 J.D.8	Unit 1	
	apply rules of integer exponents and evaluate	J.F.1 J.F.2 J.F.4 J.F.6 J.F.7 J.F.8 J.F.9 J.F.10 J.F.11 J.F.12 J.F.13	Unit 11	
	solve a system of equations algebraically	J.AA.8 J.AA.10	Unit 5	
	compare and solve multiple and proportional relationships	J.H.7 J.H.10 J.H.11	Unit 10	
	compare linear and non-linear functions with justifications	K.S.1	Unit 7	

	determine and interpret slope and rate of change using appropriate units	J.Z.4 J.Z.5	Unit 4, 5, & 7	
	apply multiple transformations	J.P.12 J.P.13	Unit 9	
	apply ideas of congruence and similarity	J.Q.2 J.Q.3 J.Q.4	Unit 10	
	use reasoning to solve volume problems and label	J.T.14	Unit 8	
	prove and apply Pythagorean Theorem	J.R.3 J.R.4 J.R.5	Unit 3	
	interpret scatter plots	J.CC.14 J.CC. ***new***	Unit 6	
	make predictions using line of best fit	K.KK.8	Unit 6	

Challenge Zone

These are the units we were unable to get to this year. See how you do with them!

5	Use angle relationships to determine facts about the angles created by parallel lines cut by a transversal	J.O.16 J.O.17	Unit 13	
	Perform operations with numbers expressed in scientific notation	J.G.3 J.G.4 J.G. ***new***	Unit 12	