

Name: \_\_\_\_\_ Block: \_\_\_\_\_

## UNIT 5 IXLS ALIGNED TO THE LEARNING TARGETS

### IXL OPTIONAL QUIZ (MINOR ASSESSMENT) POLICY:

If you choose to do an IXL as a 9 point quiz grade, I will not give you credit for it unless you have turned it in to me using one of the options below.

1. Print out this paper and record your score on the table below. For each IXL, you must have detailed work for at least 10 problems in order for the quiz grade to count unless I make a note below.
2. Turn in loose-leaf paper with the specific IXL titled at the top along with your final score. You must have detailed work for at least 10 problems in order for the quiz grade to count! You have until the end of the unit to turn these in for a grade.

Learning Target	IXL	Score
<b>Target 1:</b> I CAN <u>apply</u> operations with functions, <u>evaluate</u> compositions of functions, <u>verify</u> inverses using composition of functions, and <u>apply</u> composition of functions to real world applications	A2: O.1 Add and subtract functions	
	A2: O.2 Multiply functions	
	A2: O.3 Divide functions	
	A2: O.4 Compositions of linear functions: find a value	
	A2: O.5 Composition of linear functions: find an equation	
	A2: O.6 Composition of linear and quadratic functions: find a value	
	A2: O.7 Composition of linear and quadratic functions: find an equation	
<b>Target 2:</b> I CAN <u>graph</u> a function, including square root functions, and its inverse and <u>identify</u> the domain and range of each; I can <u>find</u> the equation of the inverse of a function.	A2: O.8 Identify inverse functions	
	A2: O.9 Find values of inverse functions from graphs	
	A2: L.12 Domain and range of radical functions	
<b>Target 3:</b> I CAN <u>simplify</u> expressions containing rational exponents and radicals of a variety of indices	A2: L.1 Roots of integers	
	A2: L.2 Roots of rational numbers	
	A2: L.4 Simplify radical expressions with variables I	
	A2: L.5 Simplify radical expressions with variables II	
	A2: L.6 Nth roots	
	A2: L.7 Multiply radical expressions	
	A2: L.8 Divide radical expressions	
	A2: L.9 Add and subtract radical expressions	
	A2: L.10 Simplify radical expressions using the distributive property	

	A2: L.11 Simplify radical expressions using conjugates	
	A2: M.1 Evaluate rational exponents	
	A2: M.2 Multiplication with rational exponents	
	A2: M.3 Division with rational exponents	
	A2: M.4 Power rule	
	A2: M.5 Simplify expressions involving rational exponents I	
	A2: M.6 Simplify expressions involving rational exponents II	
<b>Target 4:</b> I CAN <u>solve</u> equations containing rational exponents or radicals.	A2: L.13 Solve radical equations	