

Name: _____ Block: _____

UNIT 6 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! If it has an asterisk next to it, you do not have to show work. You have until the end of the unit to turn these in for a grade.

Learning Target	IXL	Score
Target 1: I can graph exponential and logarithmic functions, and I can identify the type of function and the transformation and components of its graph.	A2: S.3 Match exponential functions and graphs*	This one is a HW grade 😊
Target 2: I can convert equations from exponential to logarithmic form and vice-versa, evaluate logarithmic expressions, use the properties of logarithms to expand and condense logarithmic expressions, and explain the restrictions on the base of an exponential or logarithmic function.	A2: R.1 Convert between exponential & logarithmic form: rational bases*	
	A2: R.2 Convert between natural exponential & logarithmic form*	
	A2: R.3 Convert between exponential & logarithmic form: all bases*	
	A2: R.4 Evaluate logarithms*	
	A2: R.5 Evaluate natural logarithms*	
	A2: R.6 Change of base formula*	
	A2: R.7 Identify properties of logarithms*	
	A2: R.8 Product property of logarithms	
	A2: R.9 Quotient property of logarithms	
	A2: R.10 Power property of logarithms	
	A2: R.11 Properties of logarithms: mixed review	
	A2: R.12 Evaluate logarithms: mixed review*	
Target 3: I can identify the inverse relationship between exponential and logarithmic functions, and find the inverse of exponential and logarithmic functions	No IXLS for this target 😞	
Target 4: I can solve exponential and logarithmic equations with and without a calculator, as appropriate, and I can identify extraneous solutions and the reason(s) they occur.	A2: S.4 Solve exponential equations using factoring (getting like bases)	
	A2: S.5 Solve exponential equations using common logarithms	
	A2: S.6 Solve exponential equations using natural logarithms	
	A2: S.7 Solve logarithmic equations I	
	A2: S.8 Solve logarithmic equations II	
Target 5: I can solve real-life problems that require the use of exponential and logarithmic models.	A2: S.12 Exponential growth and decay: word problems	
	A2: S.13 Compound interest: word problems	
	A2: S.14 Continuously compounded interest: word problems	