Assessment Checklist **Chapter 4 Objectives**	**4.1** Calculate values of expressions with positive and negative integer exponents.	**4.1** Raise positive and negative bases to powers.	**4.1** Understand and use laws of exponents.	**4.1** Use scientific notation.		**4.2** Develop a sense of exponential growth and decay.	**4.2** Describe examples of exponential increase and exponential decrease.	**4.2** Compare exponential growth with other kinds of growth (linear, quadratic, and so on.)	**4.2** Represent exponential growth and exponential decay relationships with algebraic expressions.		
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Assessment Checklist **Chapter 4 Objectives, continued**	**4.3** Simplify radical expressions.	**4.3** Understand that irrational numbers cannot be expressed as the ratio of two integers.	**4.3** Determine whether simple radicals are rational or irrational numbers.								
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