	Name	_ Date	Class
	Introduction to Physical Science • Review and Reinforce Scientific Inquiry		
,	Understanding Main Ideas Answer the following questions on a separate sheet of paper.		
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	 What processes are often involved in scientific inquiry? What makes a hypothesis testable? 		
	3. Why is it important to control variables in an experiment?		
	4. When you begin an experiment, why should you create a table to record your data?		
	5. How do scientists improve their understanding of the natural world?		
	Building Vocabulary		
	Fill in the blank to complete each statement.		
	6. A(n) is a possible explanation for a set of observations or answer to a scientific question.		
	7. Factors that can change in an experiment are called		
	The sharing of ideas and experimental findings with others through writing and speaking is called		
)	9. A is a statement that describes what scientists expect to happen every time under a particular set of conditions.		
	 Facts, figures, and other evidence gathered through observations are called 		
	11. The factor that may change in response to the manipulated variable is called the		
	12. An experiment in which only one variable is manipulated at a time is called a(n) experiment.		
	13. The process of which scientists study the natural on the evidence they gather.	refers to the di	verse ways in anations based
	14. A is a	well-tested explanation	for a wide

15. The one variable that is purposely changed to test a hypothesis is called

the _____