Sec 1.1 Physical Science Open Book Quiz, Pages 8-11

1. A tested, possible explanation of a natural event is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. Give another definition of a scientific theory?
2. Are scientific theories always easy to test? If no give an example.
3. List 3 tests that a theory must continue to pass to be valid.

5. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ states a repeated observation about nature.

1. List the equation for the area of a rectangle.
2. What is the language of science?
3. Explain the caloric theory in detail.
4. Explain the kinetic theory.
10. Define scientific model.

11. Can a drawing on a paper be considered a model?

12. What do meteorologists use to forecast the weather?