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Foundations Physical Science

Chapter 1 Test Review

Answer Reviewing Content on Page 29 Q1-10

1.

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Answer the Understanding the concepts Q11-21 on pg 29

11.

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Answer the critical thinking Q25,27 and 29 on page 30.

25.

27. Label the graph and plot the points. Include a title, axis labels, appropriate scales and a best line fit to join the coordinates

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29.

Answer Q1-6 page31 Standardized Test Prep

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_\_ 4. \_\_\_\_\_\_\_ 5. \_\_\_\_\_\_\_ 6. \_\_\_\_\_\_\_

Connect the terms with the appropriate description.

Science The study of the origin, history and structure of the Earth.

Technology The study of matter and energy and the interaction through forces and motion.

Chemistry The study of living things

Physics The study of the universe

Geology An organized plan for gathering, organizing and communicating information

Astronomy The proposed answer to a question

Biology The study of composition, structure, properties and reactions of matter

Scientific method A statement that summarizes a pattern found in nature

Observation Information gathered through our senses

Hypothesis Makes large and small numbers easier to work with.

Manipulated variable The straight-line distance between two points

Responding Variable The dependant variable

Controlled Experiment A system of knowledge and the methods to find that knowledge

Scientific Theory The variable that causes change

Scientific Law An experiment in which only one variable is changed

Model A well tested explanation for a set of observations or results

Scientific Notation The use of scientific knowledge to solve practical problems

Length The amount of space taken up by an object

Mass Its SI unit is the kilogram

Volume Is a gauge of how exact the measurement is

Density The closeness of a measurement to the actual value measure

Conversion factor An apparatus that measures temperature

Precision change in the vertical divided by change in the horizontal

Significant Figures ratio of mass verse volume

Accuracy the digits that are known in a measurement

Thermometer representation of an object or concept

Slope a ratio used to convert one unit into another

Direct Proportion X α 1/Y

Inverse Proportion X α Y