

SGO Pre-Assessment – Grade 6 – Earth Science *ANSWER KEY***Modified True/False 2 pts @ (20)**

Indicate whether the statement is true or false. You must write out the entire word (true or false). If false, change the identified word or phrase in the blank to make the statement true.

- FALSE** 1. An inference is an activity performed to prove or disprove a hypothesis. experiment
- TRUE** 2. Conduction is the transfer of heat by direct contact of atoms and molecules.
- TRUE** 3. Buoyancy states that less dense objects will float in more dense fluids.
- FALSE** 4. Water can exist in three substances, depending on the pressure and temperature. phases or forms
- FALSE** 5. Weather events tend to happen when two air masses that are alike interact. different
- TRUE** 6. Latitude lines are imaginary horizontal lines on a map that are north and south of the equator.
- TRUE** 7. Superposition means that the bottom layer of a rock formation is the oldest.
- FALSE** 8. The outermost layer of Earth's surface is called the mantle. crust
- TRUE** 9. An example of mechanical weathering is when a large rock falls down a slope and breaks into small pieces.
- FALSE** 10. Gravitational force on the Moon is more than gravitational force on Earth. less than

Multiple Choice 1 pt @ (31)

Identify the choice that best completes the statement or answers the question. Write the letter of the correct answer in the space provided.

Use the following information to answer the following questions 1 and 2. Elena notices that when her math teacher gives exams on colored paper, the students all seem to get better grades.

- D** 1. Which of the following would be a good **hypothesis** for the observation Elena made?
- a. Colored paper makes students smart. b. Students like colored paper better.
- c. White paper makes students work harder. d. Giving math tests on colored paper improves students' scores.

Elena's math teacher helped test her hypothesis by giving their next math test to half the class on colored paper and half the class on white paper. The half of the class that took the test on colored paper scored a total of 1500 points on the test. The half of the class that took the test on white paper scored a total of 1750 points.

What type of **data** did Elena collect?

- D** 2. a. Qualitative b. Chemical c. Hypothetical d. Quantitative
- C** 3. What is the height of a 1.9-meter tall person in centimeters?
- a. 1.9 cm b. 19 cm c. 190 cm d. 1900 cm

- B** 4. On the Fahrenheit scale, water freezes at 32°F and boils at 212°F. At what temperature does water freeze and boil on the Celsius scale?
- a. Water freezes at 100°C and boils at 0°C. b. Water freezes at 0°C and boils at 100°C.
- c. Water freezes at 37°C and boils at 98.6°C. d. Water freezes at 20°C and boils at 37°C.

- D** 5. All matter consists of tiny particles known as:
- a. elements. b. compounds. c. molecules. d. atoms.

- A** 6. The atoms in solids:

Answer Key To Interactive Science Grade 6

RS Peters



Answer Key To Interactive Science Grade 6:

This book delves into Answer Key To Interactive Science Grade 6. Answer Key To Interactive Science Grade 6 is an essential topic that needs to be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Answer Key To Interactive Science Grade 6, encompassing both the fundamentals and more intricate discussions.

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Table of Contents Answer Key To Interactive Science Grade 6

1. Understanding the eBook Answer Key To Interactive Science Grade 6
 - The Rise of Digital Reading Answer Key To Interactive Science Grade 6
 - Advantages of eBooks Over Traditional Books
2. Identifying Answer Key To Interactive Science Grade 6
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Answer Key To Interactive Science Grade 6
 - User-Friendly Interface
4. Exploring eBook Recommendations from Answer Key To Interactive Science Grade 6
 - Personalized Recommendations
 - Answer Key To Interactive Science Grade 6 User Reviews and Ratings
 - Answer Key To Interactive Science Grade 6 and Bestseller Lists
5. Accessing Answer Key To Interactive Science Grade 6 Free and Paid eBooks
 - Answer Key To Interactive Science Grade 6 Public Domain eBooks
 - Answer Key To Interactive Science Grade 6 eBook Subscription Services
 - Answer Key To Interactive Science Grade 6 Budget-Friendly Options
6. Navigating Answer Key To Interactive Science Grade 6 eBook Formats
 - ePub, PDF, MOBI, and More
 - Answer Key To Interactive Science Grade 6 Compatibility with Devices
 - Answer Key To Interactive Science Grade 6 Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Answer Key To Interactive Science Grade 6
 - Highlighting and Note-Taking Answer Key To Interactive Science Grade 6
 - Interactive Elements Answer Key To Interactive Science Grade 6

8. Staying Engaged with Answer Key To Interactive Science Grade 6
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Answer Key To Interactive Science Grade 6
9. Balancing eBooks and Physical Books Answer Key To Interactive Science Grade 6
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Answer Key To Interactive Science Grade 6
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Answer Key To Interactive Science Grade 6
 - Setting Reading Goals Answer Key To Interactive Science Grade 6
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Answer Key To Interactive Science Grade 6
 - Fact-Checking eBook Content of Answer Key To Interactive Science Grade 6
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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