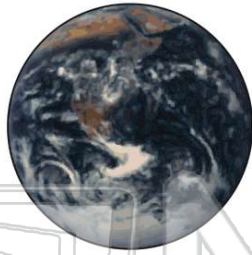




Name _____ Class _____ Date _____

1 The study of the **solid earth** is called _____.

- A meteorology
- B astronomy
- C geology
- D archeology



2 Which of the following is **not** a branch of **earth science**?

- A paleontology
- B mineralogy
- C oceanography
- D archeology



3 **Paleontology** is the study of the _____.

- A movement of pieces of the earth's crust
- B fossilized remains of ancient life forms
- C causes and formation of volcanoes



4 The study of the **atmosphere**, including the forecasting of weather, is called _____.

- A mineralogy
- B astronomy
- C astrology
- D meteorology



PREVIEW

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7 Like all scientists, geologists follow the **scientific method** to solve problems and answer questions about the earth. After asking a question and forming an initial hypothesis, a scientist will then _____.

- A geobotanist
- B paleontologist
- C geochemist
- D meteorologist



10 Sue and Charlie have discovered a small dinosaur fossil. They have recorded their observations and have guessed that this dinosaur was very fast. Next, they used a computer model to reconstruct the dinosaur and determine how fast it may have moved. **What step in the scientific method is being used when they use the computer modeling program?**

- A mineralogist
- B seismologist
- C volcanologist
- D paleontologist



9 Like all scientists, geologists follow the **scientific method** to solve problems and answer questions about the earth. After asking a question and forming an initial hypothesis, a scientist will then _____.

- A draw conclusions
- B test the hypothesis
- C publish the results and conclusions
- D graph the results



- A ask a question
- B form a hypothesis
- C test the hypothesis
- D communicate results

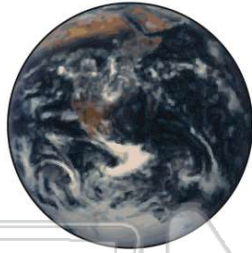




ANSWER KEY

The study of the **solid earth** is called _____.

- A meteorology
- B astronomy
- C geology
- D archeology



(c)

Which of the following is **not** a branch of **earth science**?

- A paleontology
- B mineralogy
- C oceanography
- D archeology



(d)

Paleontology is the study of the _____.

- A movement of pieces of the earth's crust
- B fossilized remains of ancient life forms
- C causes and formation of volcanoes
- D formation, mining, and uses of minerals



(b)

The study of the **atmosphere**, including the forecasting of weather, is called _____.

- A mineralogy
- B astronomy
- C astrology
- D meteorology



(d)



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- A geobotanist
- B paleontologist
- C geochemist
- D meteorologist



- B seismologist
- C volcanologist
- D paleontologist



Like all scientists, geologists follow the **scientific method** to solve problems and answer questions about the earth. After asking a question and forming an initial hypothesis, a scientist will then _____.

- A draw conclusions
- B test the hypothesis
- C publish the results and conclusions
- D graph the results



(b)

Sue and Charlie have discovered a small dinosaur fossil. They have recorded their observations and have guessed that this dinosaur was very fast. Next, they used a computer model to reconstruct the dinosaur and determine how fast it may have moved. **What step in the scientific method is being used when they use the computer modeling program?**

- A ask a question
- B form a hypothesis
- C test the hypothesis
- D communicate results



(c)