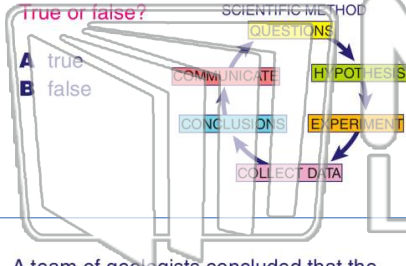




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 When the scientific method is applied in geology, a geologist can **never repeat** any of the steps or the results will be inaccurate.



2 A geologist discovered only one bone from a dinosaur. An early hypothesis was that it was a leg bone of a very small, land-dwelling dinosaur. **What is a hypothesis?**

- A a statement or conclusion that can be tested
- B an educated guess
- C a possible explanation based on knowledge about the subject
- D all of the above

3 A team of geologists concluded that the trilobite fossil they discovered was one that had never been known or studied before. They **published an article** in an important scientific

4 Below is an image of an insect preserved in a piece of fossilized tree sap, called **amber**. Which of the following is a **reasonable hypothesis**



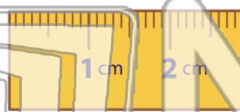
5

## PREVIEW

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7 as the **SI** and the **metric system**) when measuring objects. Which of the following is not a unit of the metric system?

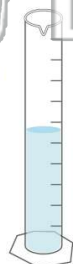
- A meter
- B kilogram
- C degrees Kelvin
- D cubic inch



- SI or metric system)?
- A a government demanded it
  - B so that all scientists can compare their studies and results
  - C so that all scientific results can easily be divided by the number 0
  - D so the oldest form of measurement could be used

9 The **SI** or **metric system** is a system of measuring length, mass, temperature, and volume based on **which number**?

- A 10
- B 4
- C 5
- D 2



10 Water boils at 212 Fahrenheit. **What is the boiling temperature of water in degrees Celsius?**

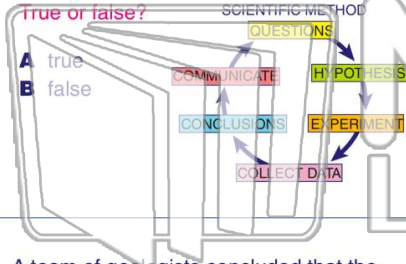
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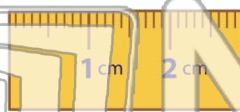
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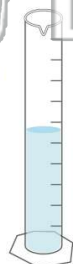


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