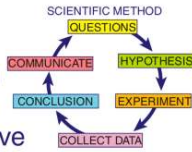




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

- 1 The **first step** of the **scientific method** is to \_\_\_\_\_.
- A** state your conclusion  
**B** ask a question about something you observe  
**C** record your data  
**D** test your hypothesis



- 3 It is important to have a control variable during your experiment. A **control variable** is a part of the experiment that is \_\_\_\_\_ and is used for comparison.
- A** often added to  
**B** always changed



- 2 One step of the scientific method is to state your hypothesis. **What is a hypothesis?**
- A** a chart of numbers  
**B** your results  
**C** a possible answer to a certain question  
**D** the definite answer to your question



- 4 After you have come up with a **hypothesis** it is important to \_\_\_\_\_ your hypothesis by **conducting an experiment**.
- A** guess  
**B** test



## PREVIEW

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- 7
- A** hypothesis  
**B** idea  
**C** conclusion  
**D** guess



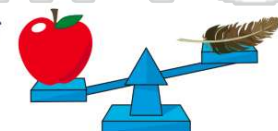
- 10
- A** gloves  
**B** an apron  
**C** goggles  
**D** a hat



- 9 When you have **finished an experiment**, it is very important to \_\_\_\_\_.
- A** wash your hands thoroughly  
**B** get out what you need  
**C** leave out your supplies  
**D** read the directions



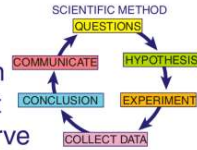
- 10 If you need to **compare the weight** of two objects, which **tool** should you use?
- A** thermometer  
**B** balance  
**C** microscope  
**D** metric ruler





ANSWER KEY

The **first step** of the **scientific method** is to \_\_\_\_\_.



- A state your conclusion
- B ask a question about something you observe
- C record your data
- D test your hypothesis

(b)

One step of the scientific method is to state your hypothesis. **What is a hypothesis?**



- A a chart of numbers
- B your results
- C a possible answer to a certain question
- D the definite answer to your question

(c)

It is important to have a control variable during your experiment. A **control variable** is a part of the experiment that is \_\_\_\_\_ and is **used for comparison**.



- A often added to
- B always changed
- C being tested

(d)

After you have come up with a **hypothesis** it is important to \_\_\_\_\_ your hypothesis by **conducting an experiment**.



- A guess
- B test
- C change

(b)



PREVIEW

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- A idea
- B conclusion
- C guess



- B an apron
- C goggles
- D a hat



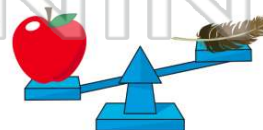
When you have **finished an experiment**, it is very important to \_\_\_\_\_.



- A wash your hands thoroughly
- B get out what you need
- C leave out your supplies
- D read the directions

(a)

If you need to **compare the weight** of two objects, which **tool** should you use?



- A thermometer
- B balance
- C microscope
- D metric ruler

(b)