

6th Grade Science Sample Test Questions

1. In a controlled experiment, a scientist is studying how long it takes parachutes of different sizes to fall to the ground. What is the manipulated variable?

- A. the sizes of the parachutes
- B. the heights from which the parachutes are dropped
- C. the sizes of the objects carried by the parachutes
- D. the time it takes for the parachutes to drop



2. Which sentence best describes a scientific theory?

- A. It can never change.
- B. It can change every time it is tested.
- C. It can be proven conclusively.
- D. It is well-tested and explains a wide range of observations.

3. Which safety measure should you take for every single laboratory experiment?

- A. use heat-resistant gloves
- B. follow your teacher's instructions
- C. open all classroom windows
- D. wear a lab apron

4. Which one of the following does NOT describe the property of water?

- A. Water is made of only one kind of atom.
- B. At temperatures of 100°C or higher, water changes into a gas.
- C. In its liquid form, water is clear and colorless.
- D. Ice is water in its solid form.