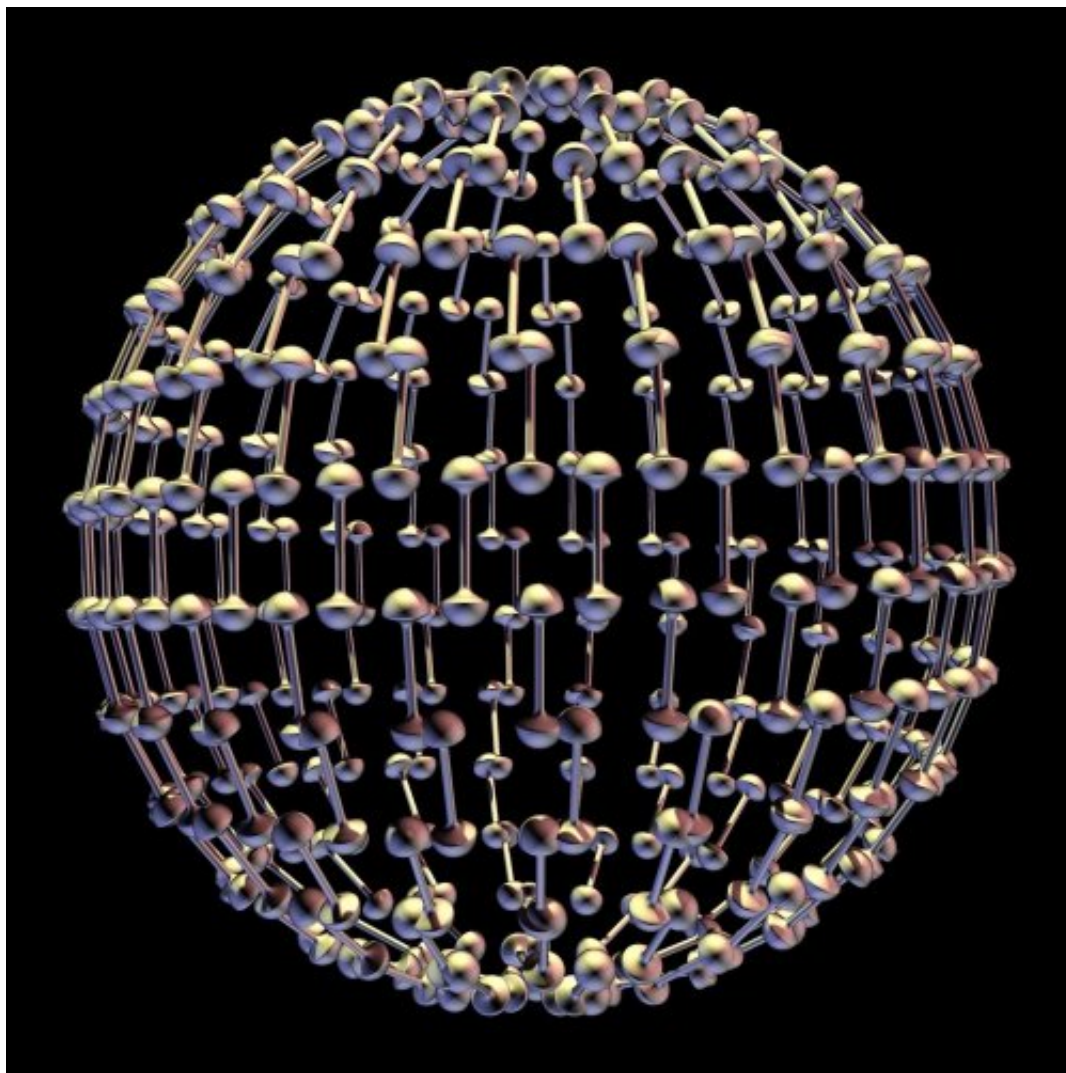


Molecule Quiz: questions and answers



1. What is a molecule?

- A group of two or more atoms
- The smallest constituent unit of ordinary matter
- A reaction between two different atoms

2. When was the term "molecule" first used?

- 1794
- 1791
- 1784

3. What is the molecular formula for Acetylene?

- C₃H₂
- C₁H₆
- C₂H₂

4. How many Hydrogen atoms are bonded to form a Sodium Hydroxide molecule?

- 9
- 8
- 6

5. How many Oxygen atoms form a Carbohydrates molecule?

- 1
- 2

0

6. What does microwave spectroscopy measure?

- The response of molecules interacting with probing signals
- Changes in the rotation of molecules
- The length of the bond

7. What is the smallest molecule?

- Diatomic hydrogen
- Diatomic carbon
- Diatomic oxygen

8. What is the bond length of Diatomic hydrogen?

- 0.74 Å
- 0.64 Å
- 0.70 Å

9. What is homonuclear molecule consist of?

- The atoms of one chemical element
- The atoms of various chemical elements
- The atoms of unidentified origin

10. Which type of molecule bonding does NOT exist?

- Covalent
- Ionic
- Sticky

Molecule Quiz: questions and answers

Right answers

1. What is a molecule?

A group of two or more atoms

2. When was the term "molecule" first used?

1794

3. What is the molecular formula for Acetylene?

C₂H₂

4. How many Hydrogen atoms are bonded to form a Sodium Hydroxide molecule?

1

5. How many Oxygen atoms form a Carbohydrates molecule?

1

6. What does microwave spectroscopy measure?

Changes in the rotation of molecules

7. What is the smallest molecule?

Diatomic hydrogen

8. What is the bond length of Diatomic hydrogen?

0.74 Å

9. What is homonuclear molecule consist of?

The atoms of one chemical element

10. Which type of molecule bonding does NOT exist?

Sticky