

Daily Science Trivia

Topic

C - Chemistry ▼

1

Which particle is NOT found in the nucleus of an atom?

- A. Proton
- B. Neutron
- C. Electron

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What is the process of a liquid changing to a gas (such as water to steam)?

- A. Evaporation
- B. Condensation

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Is H₂O the chemical formula for water, ice, or both water and ice?

Choose:

- A. Water
- B. Ice
- C. Both water and ice

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How many millimeters are in 1 meter?

- A. 10 mm
- B. 100 mm
- C. 1000 mm

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Which of the following is most likely the temperature on a hot summer day?

- A. 30° Celsius
- B. 60° Celsius
- or C. 90° Celsius

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What percent of all elements are metals?

- A. 25%
- B. 50%
- C. 75%

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Topic C - Chemistry ▼ # 7

Is helium lighter or heavier than air?

Choose:

- A. Lighter or B. Heavier

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Topic C - Chemistry ▼ # 8

How many meters are in 1 kilometer?

- A. 100 meters
B. 1,000 meters
C. 10,000 meters

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Topic C - Chemistry ▼ # 9

Ice melts into water. Is this a physical change or a chemical change?

Choose:

- A. Physical OR B. Chemical

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Topic C - Chemistry ▼ # 10

An oxide is formed when an element combines with a specific element. Which one is it?

- A. Carbon
B. Oxygen
C. Hydrogen
D. Argon

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Topic C - Chemistry ▼ # 11

What is the amount of matter in a volleyball?

- A. Volume
B. Mass
C. Weight

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Topic C - Chemistry ▼ # 12

Which of the following does not belong?

- A. Meter
B. Liter
C. Mile
D. Gram

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Which state of matter has neither a definite shape nor a definite volume?

- A. Solid
- B. Liquid
- C. Gas

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Would a strong acid have a pH closer to
A. 1, B. 7, OR C. 14?

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Which metric unit is used to measure an object's mass?

- A. Liters
- B. Meters
- C. Grams

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What do we call the amount of space a car takes up?

- A. Mass
- B. Volume
- C. Weight

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Water is considered a neutral compound. Does it have a pH number of
A. 0, B. 7, or C. 14?

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Helium's atomic number is 2. How many protons does an atom of helium contain?

- A. One
- B. Two
- C. Four

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Topic C - Chemistry ▼ # 19

Sodium has an atomic number of 11 and an atomic mass of 23.
How many electrons does it have?

- A. 11
- B. 12
- C. 23

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Topic C - Chemistry ▼ # 20

Which element has an atomic number of 8?

- A. Nitrogen
- B. Hydrogen
- C. Oxygen

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Topic C - Chemistry ▼ # 21

Which gas makes up 78% of the air in our atmosphere?

- A. Hydrogen
- B. Oxygen
- C. Nitrogen
- D. Argon

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Topic C - Chemistry ▼ # 22

Which element has an atomic number of 1?

- A. He
- B. H
- C. Li
- D. O

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Topic C - Chemistry ▼ # 23

Aluminum has an atomic number of 13 and an atomic mass of 27.
How many neutrons does it have?

- A. 13
- B. 14
- C. 27

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Topic C - Chemistry ▼ # 24

Which of the following instruments is used to measure mass?

- A. Triple-beam balance
- B. Graduated cylinder
- C. Meter stick

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Topic C - Chemistry ▼ # 25

Does air become heavier or lighter as its temperature rises?

Choose:

- A. Heavier OR B. Lighter

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Topic C - Chemistry ▼ # 26

Which of the following is not a noble gas?

- A. Helium
B. Neon
C. Oxygen

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Topic C - Chemistry ▼ # 27

What do we call atoms of the same element that have the same number of protons, but different numbers of neutrons?

- A. Compounds
B. Ions
C. Isotopes

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Topic C - Chemistry ▼ # 28

In a solution, one substance is dissolved in another. What is the term used to describe the substance that is dissolved?

- A. Solvent
B. Solute

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Topic C - Chemistry ▼ # 29

What do we call the process of a solid changing to a liquid?

- A. Freezing
B. Melting
C. Boiling

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Topic C - Chemistry ▼ # 30

If an object has a density of 1.3 g/ml, will it sink or float in water?

- A. Float
B. Sink