

A collection of chemistry riddles that will challenge your knowledge of hydrogen, oxygen, atoms and other things.

1. Why does hamburger have lower energy than steak?
2. What kind of table has no legs?
3. Why can't you trust an atom?
4. I am essential to life on earth! I am split into thirds. Two thirds are the same. One of the thirds is 8. The other two are 1 each. What am I?
5. I may not be gold but I make gold look more beautiful. I help you fly and even though I'm not popular, my prices run high. What am I?
6. I am black when you buy me, red when you use me.
When I turn white, you know it's time to throw me away.
What am I?
7. Shiny like a silver, denser than lead, pricier than gold, could stop a bullet, if I wanted to. What am I?
8. I have the atomic symbol Hg but I'm not hydrogen.
I'm a metal but I'm not gold.
I'm a liquid but I'm not solder.
I'm a Roman god but I'm not Apollo.
I'm a planet but I'm not Mars.
Who am I?
9. I'm found in some thermometers,
As I move up when I get hot.
Im also the smallest planet,
And so Jupiter I am not.
What am I?
10. It happens when something has been cut with H₂O.
11. Yellow in color, I can be a laboratory risk. You'll most often find me used in an explosive. What am I?

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12. What is the chemical formula depicted like the alphabet series, K,L,M,N and O?
13. This element is a girl's best friend. What is it?
14. Diamonds and stress have this to thank for their existence.
15. What is black when you purchase it, red while you are using it, and gray when you discard it?
16. What animal is made up of calcium, nickel and neon?
17. You can get me for free, but inside an atom, I add a lot of weight. What am I?
18. This is the drinkable phase of matter.
19. I am commonly abbreviated to H. What am I?
20. A metal neither black nor red,
as heavy as man's golden greed.
What you do to stay ahead,
with friend or foe or arrow and steed.
21. This can be used to flatten clothes
Or in golf to hit a ball.
This goes before a movie Man
And is a type of metal.
What is it?
22. I'm in your kitchen pantry, waiting for you to wrap me over something.
What am I?
23. I can keep a swimming pool clean, but I can poison you as well. What am I?
24. Why did Carbon marry Hydrogen?
25. What do you do with a dead chemist?

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26. I climb higher as I get hotter. I can never escape from my crystal cage.
What am I?
27. I may have twice the life-giving gas but I do not give life to you.
However, without me, you will never have food. What am I?
28. I'm unique in one way but you can find two of me in your daily drink.
What am I?
29. I'm a god, a planet, and measurer of heat. Who am I?
30. Kids really love me because I make things float. You can even use me
to expand small things. What am I?
31. If H_2O is the formula for water, what is the formula for ice?
32. What is lighter than what it is made of?
33. I catch fire easily
But I protect cars in the cold
You can use me as a fuel
And yet I am every distiller's goal
What am I?
34. I am present in marshes
And also in the rumen of cattle
To stop global warming
I do very little.
What am I?
35. Without this, H_2O would just be 20.

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Answers

1. Because it's in the ground state.
2. Periodic.
3. They make up everything.
4. Water.
5. Rhodium.
6. Charcoal.
7. Osmium.
8. Mercury.
9. Mercury.
10. Diluted.
11. Nitric acid.
12. Potassium Oxide K₂O.
13. Carbon.
14. Pressure.
15. Charcoal.
16. A CaNiNe.
17. Neutron, because it has no charge.
18. Liquid.
19. Hydrogen.
20. Lead.
21. Iron.
22. Aluminum.
23. Chlorine.
24. They bonded well from the minute they met.
25. Barium.
26. Mercury.
27. Carbon Dioxide.
28. Hydrogen.
29. Mercury.
30. Helium.
31. H₂O cubed.
32. Ice.
33. Ethanol.
34. Methane gas.
35. Hydrogen.

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