

QUIZ

Pre Level Chemistry: Chapters 1-5

Directions: Circle the best answer

1. The moon, cotton candy, carrots and everything are made of
a) rocks b) atoms c) dust
2. Atoms are so very
a) large b) small
we can't see them using only our
c) hands d) toes e) eyes
3. Atoms can stick to other
a) books b) tables c) atoms
4. a) Blocks b) Metals c) Atoms
make things taste, feel, look or smell different.
5. Making careful
a) choices b) observations c) predictions
helps scientists make new discoveries about our world.
6. Atoms
a) walk b) fix c) hook
to other atoms to make molecules.
7. Molecules can have lots of different
a) shapes and sizes b) peanuts c) ham and cheese

8. Atoms have to
a) obey their parents b) obey rules c) obey the police
to make molecules.
9. When
a) rocks b) marshmallows c) atoms
get rearranged a chemical reactions has occurred.
10. a) Atoms b) Food c) Gasoline
can switch places, join together or separate from each other.
11. In a chemical reaction atoms rearrange but are
a) always b) never c) sometimes
created nor destroyed.
12. Reactions occur
a) at night only b) everywhere c) in the air only
13. Circle the 3 signs of a chemical reaction
a) bubbles b) odor c) wind d) color changes
e) temperature changes f) film
14. Acids taste
a) hot b) sour c) cold
15. Bases taste
a) bitter and slippery b: salty c: sweet

16. Acids have an

- a) E group b) H group c) Z group

17. Bases have an

- a) OH group b) AB group c) XY group

Put a check mark by the correct answers:

18. Acids and Bases are found in the following

- _____ in batteries
_____ in the dirt outside
_____ in household items
_____ on plants
_____ in bananas
_____ on your skin

19. Acids and bases

- a) do b) do not
react with each other.

20. Many acid-base reactions make

- a) eggs and bacon b) salts and water
c) cheese and crackers

21. A simple acid-base indicator is

- a) red jello b) red (purple) cabbage juice c) red peppers

Look at the Periodic Table and write the symbol and the Atomic number for the following elements on the lines below:

Oxygen: _____

Helium: _____

Sodium: _____

Carbon: _____

Neon: _____

Hydrogen: _____

Phosphorus: _____

Gold: _____

Lead: _____

Nitrogen: _____

Argon: _____

Calcium: _____

Place a check mark next to your favorite experiment(s)

Exp. 1 _____

Exp. 2 _____

Exp. 3 _____

Exp. 4 _____

Exp. 5 _____

