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Tags: Matter, Elements, Atoms, Chemistry, Science, Education, Middle School.

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12. W	That is the difference between an element and a compound?
	Answer:
12 W	What are violance also trans
13. W	hat are valence electrons?
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14. H	ow do chemical reactions occur?
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15. W	That are some practical applications of understanding matter, elements, and atoms?
	Answer:

14. The periodic table organiz	zes elements by their size.
a. True	
b. False	
15. Compounds are made up	of only one type of atom.
a. True	
b. False	
16. Match the following elem	ents with their respective chemical symbols:
a) Hydrogen	i) Ca
b) Carbon	ii) O
c) Oxygen	iii) H
d) Calcium	iv) C
17. Match the following state	s of matter with their descriptions:
a) Solid	i) Takes the shape of its container
b) Liquid	ii) No fixed shape or volume
c) Gas	ii) No fixed shape or volume iii) Fixed shape and volume tomic particles with their descriptions: i) Positively charge
18. Match the following suba	tomic particles with their desceptions.
a) Proton	i) Positively charge  (i) NO harge
b) Neutron	()NOharge
c) Electron	iii) Negati e y charged
19. Mach the following prop	elies with their respective locations on the periodic table:
a) Metals	i) Upper right corner
b) Nonmetals	ii) Lower left corner
c) Metalloids	iii) Middle of the table
20. Match the following elem	ents with their respective common uses:
a) Sodium	i) Strong and lightweight metal used in construction
b) Chlorine	ii) Used in bleach and disinfectants
c) Carbon	iii) Used in pencils and diamonds
d) Silicon	iv) Used in computer chips and solar panels