


# Response Report


Session: Periodic Table- Nonmetals


Class: per2


Class Points Avg: 79.29 out of 100.00 (79.29%)


(Includes only students who took assessment)


1 Nonmetals are located _____.		
A	0%	in columns 13-18 in the periodic table
B	0%	in columns 1 and 2 of the periodic table
C	8%	to the left of the zig zag line in the periodic table
 D	92%	to the right of the zig zag line in the periodic table

2 Nonmetals generally have _____ boiling points.		
 A	85%	Low
B	15%	High

3 The air we breath consists mostly of ____ & ____.		
A	8%	Oxygen and Carbon Dioxide
 B	67%	Nitrogen and Oxygen
C	25%	Hydrogen and Oxygen
D	0%	Nitrogen and Methane

4 The only nonmetal liquid is _____.		
 A	85%	Bromine
B	15%	Iodine
C	0%	Mercury
D	0%	Water

5 Solid nonmetals are dull, brittle, and not malleable or ductile.		
 A	77%	True
B	23%	False

6 Group 18 elements gain, lose, or share electrons.		
A	0%	(No Answer Stem Entered)
 B	100%	(No Answer Stem Entered)


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7 When nonmetals react with metals, valence electrons _____.			
	A	77%	move from the metals to the nonmetals
	B	23%	move from the nonmetals to the metals
	C	0%	get shared between them

8 Rust is _____			
	A	0%	FeO
	B	0%	Fe3O2
	C	100%	Fe2O3

9 Carbon Dioxide is _____.			
	A	8%	C2O
	B	0%	2CO
	C	92%	CO2

10 An example of a diatomic molecule is _____.			
	A	0%	CO2
	B	8%	CH4
	C	0%	C2H8
	D	92%	H2

11 The only group on the periodic table to have ALL nonmetals is _____.			
	A	85%	Noble elements
	B	0%	Oxygen Family
	C	0%	Nitrogen Family
	D	15%	Carbon Family

12 All of the elements in the Carbon Family have ____ valence electrons.			
	A	77%	4
	B	8%	3
	C	0%	6
	D	15%	5


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13 _____ & _____ are metalloids.		
A	0%	Lead and Arsenic
B	0%	Carbon and Oxygen
C	8%	Silicone and Iodine
 D	92%	Silicone and Germanium

14 All elements in the Nitrogen family have ____ valence electrons.		
A	8%	4
 B	69%	5
C	23%	3
D	0%	6

15 Only _____ are able to use Nitrogen in the air.		
A	69%	Plants
B	0%	Ocean mammals
C	0%	Fish
 D	23%	Bacteria
E	8%	Humans

16 _____ is used to make matches and flares because it is so reactive.		
A	0%	Magnesium
B	8%	Hydrogen
 C	92%	Phosphorus
D	0%	Iodine
E	0%	Nitrogen

17 Triatomic Oxygen is called _____.		
 A	85%	Ozone
B	8%	Selenium
C	0%	TriOxane
D	0%	TriOx
E	8%	ThreeOx


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18 The most abundant element in the earth's crust is _____.		
A	0%	Selenium
B	23%	Nitrogen
C	0%	Silicone
 D	62%	Oxygen
E	15%	Sulfur

19 The element found in rubber bands, automobile tires, and many medicines is _____.		
A	8%	Oxygen
B	0%	Rubber
C	8%	Selenium
 D	85%	Sulfur
E	0%	Phosphorus

20 The Halogen which is found in non-stick cookware, and toothpaste is _____.		
A	0%	Chlorine
 B	100%	Fluorine
C	0%	Sodium
D	0%	Calcium
E	0%	Bromine

21 _____ is used to help melt snow.		
A	17%	Silver Bromide
B	0%	Magnesium Oxide
 C	83%	Calcium Chloride

22 Helium was discovered _____.		
A	8%	in the ground
 B	77%	on the sun
C	15%	in the atmosphere


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23 Neon lights are well named.			
A	54%	True	
 B	46%	False	

24 The most abundant element in the whole universe is _____.			
 A	62%	Hydrogen	
B	0%	Helium	
C	23%	Oxygen	
D	15%	Carbon	
E	0%	Silicone	

25 The most common metalloid is _____.			
A	0%	Oxygen	
 B	100%	Silicone	
C	0%	Arsenic	
D	0%	Germanium	
E	0%	Boron	

26 The most important use of metalloids is in _____.			
A	15%	wires	
B	15%	thermometers	
 C	69%	computer chips	
D	0%	cleaning solutions	