


# 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 |  |