**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Air Pollution Review**

**DUE: \_\_\_\_\_\_\_\_\_\_\_**

1. Types of Air Pollutants:

|  |  |  |
| --- | --- | --- |
| **Type** | **Explanation**  *Describe this type of pollution* | **Examples**  *List examples* |
| Primary Air Pollutants |  |  |
| Secondary Air Pollutants |  |  |

1. Major Outdoor Air Pollutants:

|  |  |  |
| --- | --- | --- |
| **Type** | **Source**  *Where does the pollutant come from?* | **Effect**  *What does this pollutant do to the systems it enters?* |
| Carbon Monoxide (CO) |  |  |
| Nitrogen dioxide, (NOx) |  |  |
| Sulfur Dioxide (SOx) |  |  |
| Tropospheric Ozone (O3) |  |  |
| Particulate Matter (PM) |  |  |
| Lead |  |  |
| Volatile Organic Compounds (VOCs) |  |  |

1. Compare and Contrast Industrial Smog with Photochemical Smog.
2. Acid Deposition:

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **How is it formed?** | **Source** | **Effect** |
| Sulfuric Acid |  |  |  |
| Nitric Acid |  |  |  |

1. Indoor Air Pollutants:

|  |  |  |
| --- | --- | --- |
| **Type** | **Source**  *Where does the pollutant come from?* | **Effect**  *What does this pollutant do to the systems it enters?* |
| Cigarette Smoke |  |  |
| Formaldehyde |  |  |
| Radon |  |  |
| Bacteria, Viruses, Pollen, Dust Mites, Mildew, Mold, Yeast |  |  |
| Carbon Monoxide |  |  |
| Asbestos |  |  |

1. Name and describe 2 Laws/Acts that pertain to air quality.
2. Discuss Stratospheric Ozone Depletion. What is it caused by, how does it happen, and what is being done to fix it?