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

PAI molar mass

BE SURE TO WRITE YOUR UNITS. Round to the nearest tenth.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Compound | Chemical formula | Molar mass | Grams | Mole | Number of molecules |
| 1. Dihydrogen oxide |  |  | 5 |  |  |
| 1. Carbon dioxide |  |  |  | 7 |  |
| 1. Nitride |  |  |  |  | 6.022 x 1023 |
| 1. Nitrite |  |  |  | 0.5 |  |
| 1. Nitrous acid |  |  | 8 |  |  |
| 1. Nitrate |  |  | 28 |  |  |
| 1. Nitric acid |  |  |  |  | 2.1 x 1024 |
| 1. Carbonate |  |  | 18 |  |  |
| 1. Calcium carbonate |  |  |  | 9 |  |
| 1. Sulfite |  |  |  | 14 |  |
| 1. Sulfurous acid |  |  | 17 |  |  |
| 1. Sulfate |  |  |  | 6 |  |
| 1. Sulfuric acid |  |  |  |  | 6.0 x 1022 |