|  |  |  |
| --- | --- | --- |
| Molecular Mass  CλeMis+ry: http://genest.weebly.com  Stop in for help every day at lunch and Tues &Thurs after school! | http://fc08.deviantart.net/fs71/i/2014/163/3/f/felix_hits_soccer_ball_with_his_head_by_super_marcos_96-d7m1tpa.png | Name\_\_\_\_\_\_\_\_\_\_\_\_\_  Period\_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |  |
| --- | --- | --- |
| 1. For water… | | |
| How would you draw one molecule? | According to the periodic table, what is the mass of a mole of this molecule? | Find the mass of 4.05 moles of this molecule. |
|  |  |  |
| 1. For nitrogen… | | |
| How would you draw one molecule? | According to the periodic table, what is the mass of a mole of this molecule? | Find the mass of 1,003,000 molecules of this substance. |
|  |  |  |
| 1. For bromine… | | |
| How would you draw one molecule? | According to the periodic table, what is the mass of a mole of this molecule? | Find the mass of 56.9 moles of this molecule. |
|  |  |  |

1. What would be the mass of 3.08x1013 atoms of nickel?

|  |  |  |
| --- | --- | --- |
| 1. For CO2… | | |
| How would you draw one molecule? | According to the periodic table, what is the mass of a mole of this molecule? | Fin Find the mass of 2.94 x 1017 molecules of this substance. |
|  |  |  |
| 1. For laughing gas, N2O… | | |
| How would you draw one molecule? | According to the periodic table, what is the mass of a mole of this molecule? | Find the mass of 4.66x10-2 moles of this molecule. |
|  |  |  |
| 1. For the substance propane, C3H8 … | | |
| How would you draw one molecule? | According to the periodic table, what is the mass of a mole of this molecule? | Find the mass of 1.944x1025 molecules of this substance. |
|  |  |  |
| 1. For ammonia, NH3… | | |
| How would you draw one molecule? | According to the periodic table, what is the mass of a mole of this molecule? | Find the mass of 0.0550 moles of this molecule. |
|  |  |  |

1. What would be the mass of 3.00 moles of sodium ?