**The Mole: Percent Composition: Quiz 4c**

**Make sure to SHOW ALL WORK and INCLUDE UNITS!**

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1. What is the percent composition of Ammonium Phosphide?

Answers:

(NH4)3P = 85.12 g/mol



|  |  |  |
| --- | --- | --- |
| %N = | 42.03g | × 100% = **49.38% N** |
| 85.12g |
| %H = | 12.12g | × 100% = **14.24% H (SIGS!)** |
| 85.12g |
| %P = | 30.97g | × 100% = **36.38% P** |
| 85.12g |