

Solutions to the Molar Mass Practice Worksheet:

Important note to students: All of the units given here are "grams per mole", which may be abbreviated as "g/mol", "grams/mol", or "g · mol⁻¹", depending on how your teacher likes to see it written. They all mean the same thing, but it's probably a good idea to use whatever your teacher showed you in class. Also, remember that if you don't use units in your answer, the answer is *wrong!*

All answers are rounded to the nearest 0.1 grams.

- 1) 102.9 g/mol
- 2) 303.3 g/mol
- 3) 74.1 g/mol
- 4) 164.0 g/mol
- 5) 96.0 g/mol
- 6) 180.0 g/mol
- 7) 357.4 g/mol
- 8) 68.1 g/mol
- 9) 183.4 g/mol
- 10) 126.9 g/mol

Solutions for the mole calculation practice worksheet:

- 1) 1.39 moles
- 2) 134.1 grams
- 3) 1.38×10^{25} molecules
- 4) 0.56 moles
- 5) 8.85×10^{23} molecules
- 6) 106.7 grams