

Molar Mass Practice Worksheet

Find the molar masses of the following compounds:

- 1) NaBr
Na: $(22.9)(1) = 22.9$
Br: $(79.90)(1) = 79.90$
 102.8 g/mol
- 2) PbSO₄
Pb: $(207.20)(1) = 207.20$
S: $(32.07)(1) = 32.07$
O: $(16.0)(4) = 64.0$
 303.27 g/mol
- 3) Ca(OH)₂
Ca: $(40.08)(1) = 40.08$
O: $(16.0)(2) = 32.0$
H: $(1.01)(2) = 2.02$
 74.1 g/mol
- 4) Na₃PO₄
Na: $(22.99)(3) = 68.97$
P: $(30.97)(1) = 30.97$
O: $(16.00)(4) = 64.00$
 163.94 g/mol
- 5) (NH₄)₂CO₃
N: $(14.01)(2) = 28.02$
H: $(1.01)(8) = 8.08$
C: $(12.01)(1) = 12.01$
O: $(16.00)(3) = 48.00$
 96.11 g/mol
- 6) C₆H₁₂O₆
C: $(12.01)(6) = 72.06$
H: $(1.01)(12) = 12.12$
O: $(16.00)(6) = 96.00$
 180.18 g/mol
- 7) Fe₃(PO₄)₂
Fe: $(55.85)(3) = 167.55$
P: $(30.97)(2) = 61.94$
O: $(16.00)(8) = 128.00$
 357.49 g/mol
- 8) (NH₄)₂S
N: $(14.01)(2) = 28.02$
H: $(1.01)(8) = 8.08$
S: $(32.07)(1) = 32.07$
 68.17 g/mol
- 9) Zn(C₂H₃O₂)₂
Zn: $(65.39)(1) = 65.39$
C: $(12.01)(4) = 48.04$
H: $(1.01)(6) = 6.06$
O: $(16.00)(4) = 64.00$
 183.49 g/mol
- 10) AgF
Ag: $(107.87)(1) = 107.87$
F: $(19.00)(1) = 19.00$
 126.87 g/mol