Molar Mass Practice Worksheet - ANSWERS

Find the molar masses of the following compounds:

1) NaBr

Na: 1(22.998) + Br: 1(79.904) = 102.902 g/mol

2) $PbSO_4$

Pb: 1(207.2) + S: 1(32.065) + O: 4(15.999) = 303.261 g/mol

3) $Ca(OH)_2$

Ca: 1(40.078) + O: 2(15.999) + H: 2(1.0079) = 74.092 g/mol

4) Na_3PO_4

Na: 3(22.990) + P: 1(30.974) + O: 4(15.999) = 163.94 g/mol

5) $(NH_4)_2CO_3$

N: 2(14.007) + H: 8(1.0079) + C: 1(12.011) + O: 3(15.999) = 96.085 g/mol

6) $C_6H_{12}O_6$

C: 6(12.011) + H: 12(1.0079) + O: 6(15.999) = 180.155 g/mol

7) $Fe_3(PO_4)_2$

Fe: 3(55.845) + P: 2(30.974) + O: 8(15.999) = 357.475 g/mol

8) $(NH_4)_2S$

N: 2(14.007) + H: 8(1.0079) + S: 1(32.065) = 68.142 g/mol

9) $Zn(C_2H_3O_2)_2$

Zn: 1(65.39) + C: 4(12.011) + H: 6(1.0079) + O: 4(15.999) = 183.477 g/mol

10) AgF

Ag: 1(107.87) + F: 1(18.998) = 126.868 g/mol