**Molar Mass Practice Worksheet**

*Find the molar masses of the following compounds by showing all of your work and using proper sig figs. Be sure to include the label.*

|  |  |
| --- | --- |
| 1. NaBr | 6)         C6H12O6 |
| 2)         PbSO4 | 7)         Fe3(PO4)2 |
| 3)         Ca(OH)2 | 8)         (NH4)2S |
| 4)         Na3PO4 | 9)         Zn(C2H3O2)2 |
| 5)         (NH4)2CO3 | 10)      AgF |

**Molar Mass Practice Worksheet**

*Key:*

|  |  |
| --- | --- |
| 1. NaBr   Na       1 (22.99)  Br        1 (79.90)  = 102.89 g or g/mol | 6)         C6H12O6  C         6 (12.01)  H         12 (1.01)  O         6 (16.00)             =180.18 g or g/mol |
| 2)         PbSO4  Pb       1 (207.2\*)  S         1 (32.07)  O         4 (16.00)  = 303.27 g or g/mol | 7)         Fe3(PO4)2    Fe       3 (55.85)  P         2 (30.97)  O        8 (16.00)            =357.49 g or g/mol |
| 3)         Ca(OH)2  Ca       1 (40.08)   O         2 (16.00)   H         2 (1.01)              = 74.10 g or g/mol | 8)         (NH4)2S    N         2 (14.01)  H         8 (1.01)  S         1 (32.07)            =68.17 g or g/mol |
| 4)         Na3PO4  Na       3 (22.99)  P         1 (30.97)  O         4 (16.00)           = 163.94 g or g/mol | 9)         Zn(C2H3O2)2    Zn        1 (65.41)  C         4 (12.01)  H         6 (1.01)  O         4 (16.00)             =183.51 g or g/mol |
| 5)         (NH4)2CO3  N         2 (14.01)  H         8 (1.01)  C         1 (12.01)  O         3 (16.00)             = 96.11 g or g/mol | 10)      AgF    Ag       1 (107.87)  F          1 (19.00)             =126.86 g or g/mol |