

CHEMISTRY

COMPUTING FORMULA MASS WORKSHEET

Directions:

Find the formula mass of the following compounds. Round atomic masses to the tenth of a decimal place. Place your final answer in the FORMULA MASS COLUMN.

Problem Set-up example:
 Find the formula mass of $\text{Ca}(\text{NO}_3)_2$
 Ca: $1 \times 40.1 = 40.1$
 N: $2 \times 14.0 = 28.0$
 O: $6 \times 16.0 = 96.0$
 Formula Mass = 164.1

	COMPOUND	FORMULA MASS
1	AgNO_2	
2	NiSO_3	
3	$\text{Ca}_3(\text{PO}_4)_2$	
4	HgSO_4	
5	$\text{Fe}(\text{NO}_3)_3$	
6	KBr	
7	BeCr_2O_7	
8	$\text{Co}(\text{ClO}_3)_2$	
9	$\text{Cu}_2\text{C}_4\text{H}_4\text{O}_6$	
10	$\text{CuSO}_4 \cdot 7 \text{H}_2\text{O}$	

	COMPOUND	FORMULA MASS
11	ZnCl_2	
12	K_3PO_4	
13	$\text{Al}_2(\text{SO}_4)_3$	
14	MgCrO_4	
15	$\text{CaC}_4\text{H}_4\text{O}_6$	
16	NaCl	
17	$\text{K}_2\text{Cr}_2\text{O}_7$	
18	H_2SO_4	
19	$\text{Cu}(\text{OH})_2$	
20	$\text{MgSO}_4 \cdot 5 \text{H}_2\text{O}$	

odds = check
 evens = grade