

Name : _____

Date : _____

MOLES TO GRAMS WORKSHEET

Complete the following table.

Moles	Grams
4 moles of $\text{Cu}(\text{CN})_2$	
6.6 moles of ZnO	
5.6 moles of C_6H_6	
0.11 moles of Cu	
1.2 moles of $(\text{NH}_4)_3\text{PO}_3$	
88.4 moles of NI_3	
9.3×10^{-3} moles of SmO	
5.4 moles of K_2SO_4	
0.2 moles of $\text{Pb}(\text{CH}_3\text{COO})_2$	
0.31 moles of H_3PO_4	
21.3 moles of BaCO_3	
3.8 moles of $\text{Ra}(\text{OH})_2$	
1.31 moles of NaHCO_3	
0.28 moles of CO_2	
1.25 moles of HF	

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Answers

Moles	Grams
4 moles of $\text{Cu}(\text{CN})_2$	462
6.6 moles of ZnO	537.2
5.6 moles of C_6H_6	436.8
0.11 moles of Cu	564
1.2 moles of $(\text{NH}_4)_3\text{PO}_3$	159.6
88.4 moles of Ni_3	34679.3
9.3×10^{-3} moles of SmO	1.5
5.4 moles of K_2SO_4	941.2
0.2 moles of $\text{Pb}(\text{CH}_3\text{COO})_2$	89
0.31 moles of H_3PO_4	30
21.3 moles of BaCO_3	4202.5
3.8 moles of $\text{Ra}(\text{OH})_2$	987
1.31 moles of NaHCO_3	110
0.28 moles of CO_2	12.3
1.25 moles of HF	25