

* used masses from yellow PT *

Molar Mass worksheet

KEY

Determine the molar mass for the following elements:

Ca
40.078 g

Xe
131.249 g

K
39.098 g

Fe
55.845 g

Au
196.967 g

O
15.999 g

Si
28.086 g

Mg
24.305 g

P
30.974 g

Determine the molar mass for the following molecules/compounds

NaCl
22.990 + 35.453
58.443 g

H₂O
2(1.008) + 15.999
18.019 g

O₂
2(15.999)
31.998 g

Fe₂O₃
2(55.845) + 3(15.999)
159.691 g

Na₂O
2(22.990) + 15.999
61.989 g

Cl₂
2(35.453)
70.906 g

PbSO₄
207.2 + 32.066 + 4(15.999)
303.262 g

Ca(OH)₂
40.078 + 2(15.999) + 2(1.008)
74.099 g

(NH₄)₂S
2(14.007) + 8(1.008) + 32.066
68.08 g

C₆H₁₂O₆
6(12.011) + 12(1.008) + 6(15.999)
186.156 g

Fe₃(PO₄)₂
3(55.845) + 2(30.974) + 8(15.999)
357.48 g

AgF
107.868 + 18.998
126.87 g

HANDOUT