

Molar Mass worksheet

Determine the molar mass for the following elements:

Ca

40.08

Xe

131.29

K

39.098

Fe

55.847

Au

196.97

O

15.999

Si

28.086

Mg

24.305

P

30.974

Determine the molar mass for the following molecules/compounds

NaCl

$23.990 + 35.453$

58.443

H₂O

$2(1.0079) + 15.999$

18.01

O₂

$2(15.999)$

31.998

Fe₂
↓
Fe₂O₃

$2(55.847) + 3(15.999)$

159.691

Na₂O

$2(22.990) + 15.999$

61.98

Cl₂

$2(35.453)$

70.906

PbSO₄

$207.2 + 32.066 + 4(15.999)$

303.262

Ca(OH)₂

$40.08 + 2(15.999) + 2(1.0079)$

74.09

(NH₄)₂S

$2(14.007) + 8(1.0079) + 32.006$

68.08

C₆H₁₂O₆

$6(12.011) + 12(1.0079) + 6(15.999)$

Fe₃(PO₄)₂

$3(55.847) + 2(30.974) + 8(15.999)$

357.48

AgF

$107.87 + 18.998$

126.87

HANDOUT