Average Mass of an Element

The element neon is composed of 3 isotopes. The abundances and isotopic masses are listed in the table below. What is the weighted-average atomic mass of neon in atomic mass units, u?

atomic mass (u)	abundance (%)
19.992	90.92
20.994	0.257
21.991	8.82

W.A.A.M. = $Abund_1$ x $A.M._1$ + $Abund_2$ x $A.M._2$ + $Abund_3$ x $A.M._3$

W.A.A.M. = 0.9092 x 19.992 u + 0.00257 x 20.994 u + 0.0882 x 21.991 u

W.A.A.M. = 20.170 u