

Neon has the following isotopes

Isotope	Fractional Abundance
Ne-20	<u>0.9048</u>
Ne-21	0.0038
Ne-22	0.0925

Calculate the Average Atomic Mass of Ne

Isotope	Atomic Mass		Frac. Abund.		Ratio
Ne-20	20 amu	x	0.9048	=	18.10 amu
Ne-21	21 amu	x	0.0038	=	0.08 amu
Ne-22	22 amu	x	0.0925	=	2.04 amu

Ratio Ne-20	Ratio Ne-21	Ratio Ne-22	Avg Atomic Ne
18.10 amu	0.08 amu	2.04 amu	20.22 amu

Tungsten has the following isotopes

Isotope	Fractional Abundance
W-182	0.2650
W-183	0.3064
W-184	0.4286

Calculate the Average Atomic Mass of W

Isotope	Atomic Mass		Frac. Abund.		Ratio
W-182		x		=	
W-183		x		=	
W-184		x		=	

Ratio W-182	Ratio W-183	Ratio W-184	Avg Atomic W