Calculate mass fraction of K in KNO3, if m(weight) of K=45grams, m(weight) of N=23grams and n(amount of substance) of O=0,58 mol

Solution.

m(O) = 0.58*16=9.28 g

w(K) = 45/77.28= 0.582 (58.2%)

Answer. 58.2%