

(5.4) On the label of a bottle of cognac bought in 1976 it is stated that the cognac is over 20 years old. An analysis showed a tritium content of 80 TU. Discuss the trustworthiness of the statement.

The high T content indicates that the water in the wine used to make the cognac was high in T. The time of initial preparation can be estimated to "before 1955". Thus the age cannot be questioned.