

Topic: "Dalton atomic theory and classification of matter"
TRUE / FALSE QUESTIONS

Name:

Classroom:

Classify the following sentences as true (T) or false (F).

#	Sentence	T / F
1	A carbon dioxide (CO ₂) sample is an homogeneous mixture	
2	According to Dalton the nucleus is inside the atom	
3	According to Dalton matter cannot be divided indefinitely	
4	Sublimation is a chemical process	
5	The decomposition of water is a chemical process	
6	The melting of a liquid is a physical process	
7	A homogeneous mixture can yield a compound through a chemical reaction	
8	The following system is a compound: H ₂ (g) + O ₂ (g)	
9	The following system is a heterogeneous mixture: H ₂ O (l) + O ₂ (g)	
10	We can transform a heterogeneous mixture into a homogeneous mixture through a physical process	