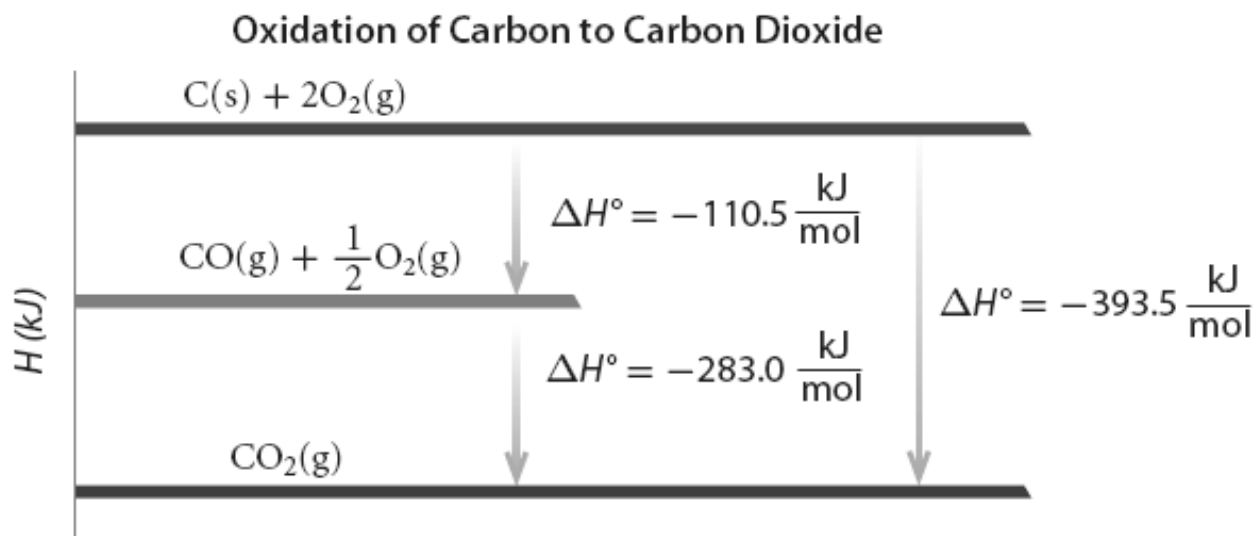


CHAPTER 10	Hess's Law: Two Pathways, One Change	BLM 10.1.1
OVERHEAD		

Hess's Law

The enthalpy change of a physical or chemical process depends only on the initial and final states. The enthalpy change of the overall process is the sum of the enthalpy changes of its individual steps.



Carbon dioxide can be formed by the reaction of carbon with oxygen via two different pathways. The enthalpy change of the overall reaction is the same regardless of the method or pathway that is used.