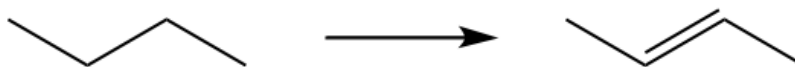


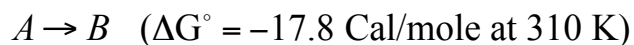
NAME: _____

Quiz 3

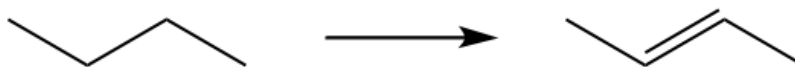
1. Balance the following reaction and determine if it is an oxidation or reduction event.



2. If wanted the following reaction to power an electrical device (i.e. battery in your cellphone) which does 20 Cal/mole of work, what is the minimum ratio of products to reactant that will still power (spontaneously run) the device. Show your work.



1. Balance the following reaction and determine if it is an oxidation or reduction event.



2. If wanted the following reaction to power an electrical device (i.e. battery in your cellphone) which does 15 Cal/mole of work, what is the minimum ratio of products to reactant that will still power (spontaneously run) the device. Show your work.

