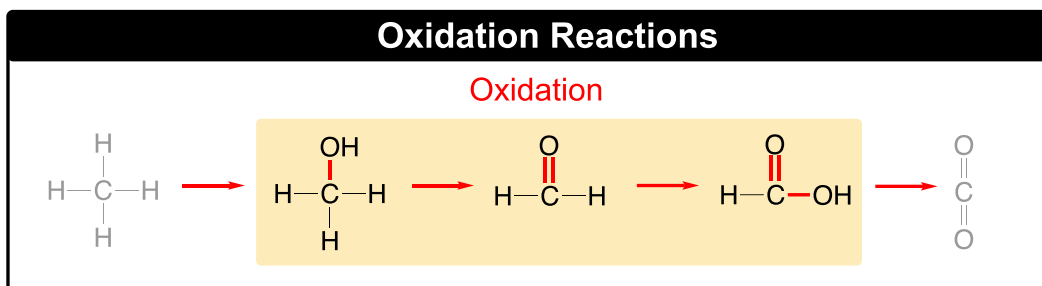
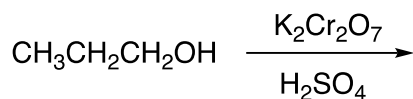


## CONCEPT: ALCOHOL REACTIONS: OXIDATION REACTIONS

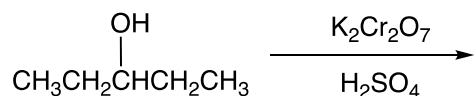
- The *oxidizing agent* of \_\_\_\_\_ dissolved in sulfuric acid reacts with an alcohol.
  - **Oxidizing Agent:** the compound used to \_\_\_\_\_ alcohols.
    - It adds as many \_\_\_\_\_ bonds as possible without breaking any C–C bonds.



**EXAMPLE:** Determine the product created under the following oxidation reaction.



**PRACTICE:** Determine the product created under the following oxidation reaction.



**PRACTICE:** Which of the following alcohols cannot undergo an oxidation reaction?

- a) 2-butanol                      b) 3-heptanol                      c) 2-methyl-2-propanol                      d) 1-propanol