

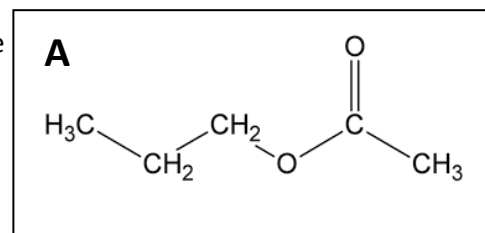
Friday Worksheet

Name:

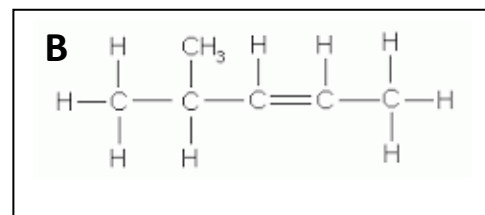
Organic worksheet 1

- 1) Give the systematic IUPAC name for the molecules shown on the right .

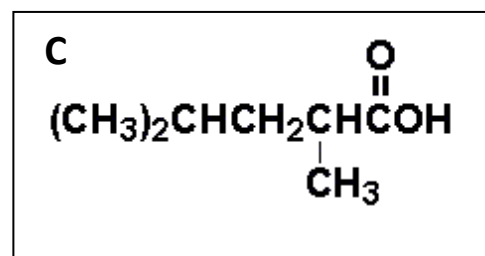
A) _____



B) _____

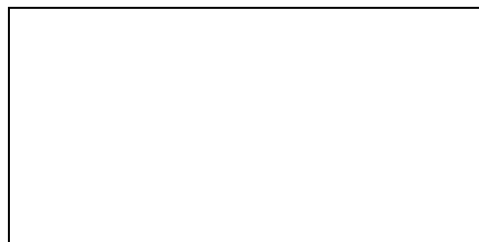


C) _____

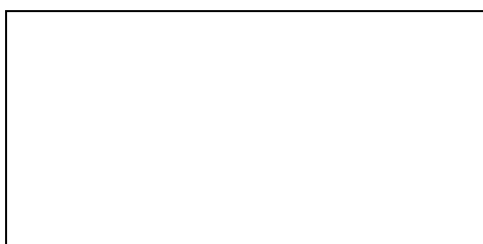


- 2) Give the structural and semi-structural formulae of the following molecules.

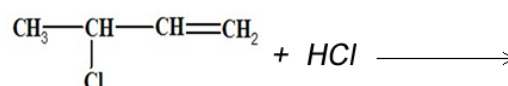
a) 2,3-dibromobut-1-ene



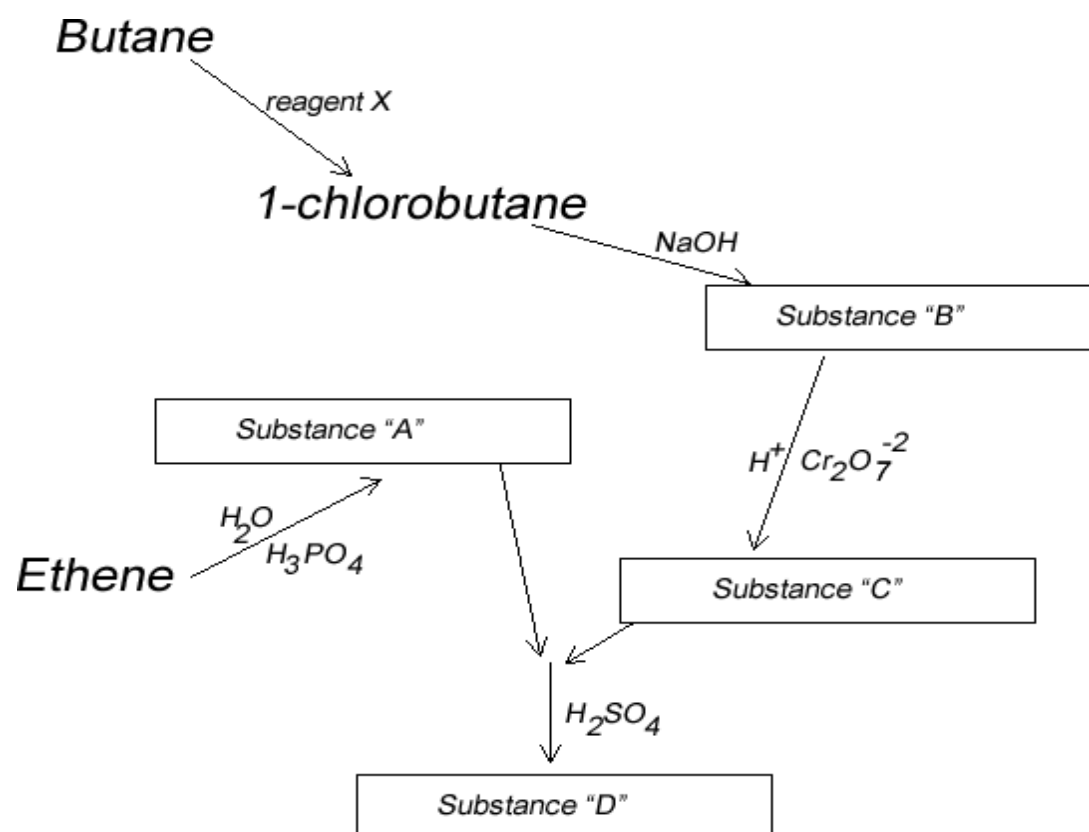
b) 2-bromo-5-chloro-3-methylpent-2-ene



- 3) What is the systematic IUPAC name of each of the possible products of the reaction shown on the right



- 4) The diagram below shows the reaction pathways for the preparation of substance "D".



Identify the following

- Reagent X
- Substance "A"
- Substance "B"
- Substance "C"
- Substance "D"
- The type of reaction that produces substance "C" from substance "B"
- The type of reaction that produces substance "A" from ethene
- The type of reaction that produces substance "B" from 1-chlorobutane