

# Chapter 7.

2021. 05. 10.

## Problem 7-38

Draw structures corresponding to the following systematic names?

- (a) (4*E*)-2,4-Dimethyl-1,4-hexadiene
- (b) *cis*-3,3-Dimethyl-4-propyl-1,5-octadiene
- (c) 4-Methyl-1,2-pentadiene
- (d) (3*E*,5*Z*)-2,6-Dimethyl-1,3,5,7-octatetranen
- (e) 3-Butyl-2-heptene
- (f) *trans*-2,2,5,5-Tetramethyl-3-hexene

## Problem 7-26

Predict the major product and show the complete mechanism for each electrophilic reaction below.

