

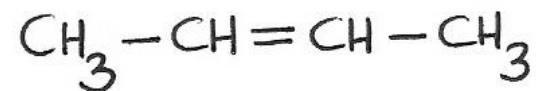
# Kimika Organikoa: Ariketak

## Ariketa #01

Ondoko A, B, C eta D substantziekin:

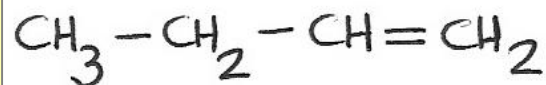
- formulak eta izenak eman
- taula osatu
- erreakzio kimikoen diseinua osatu

A:



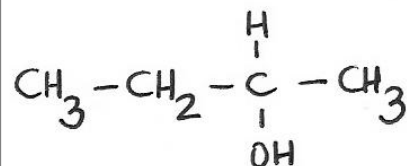
2-butenoa

B:



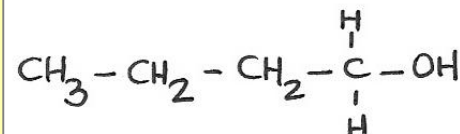
1-butenoa

C:



2-butanol

D:

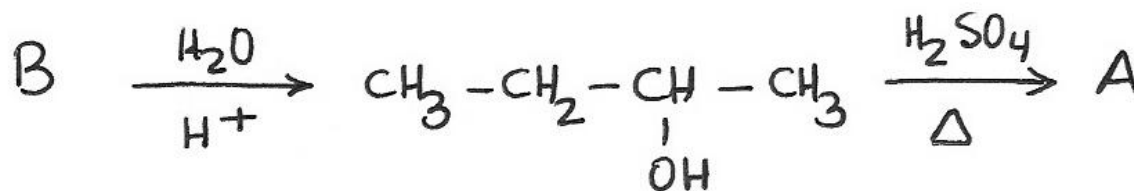
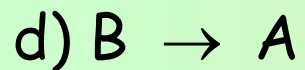
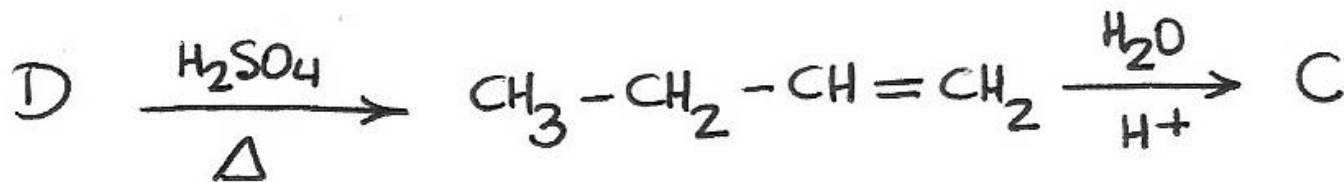
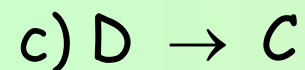
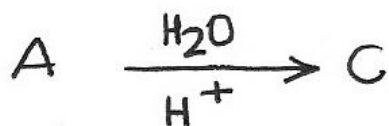
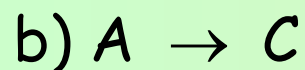
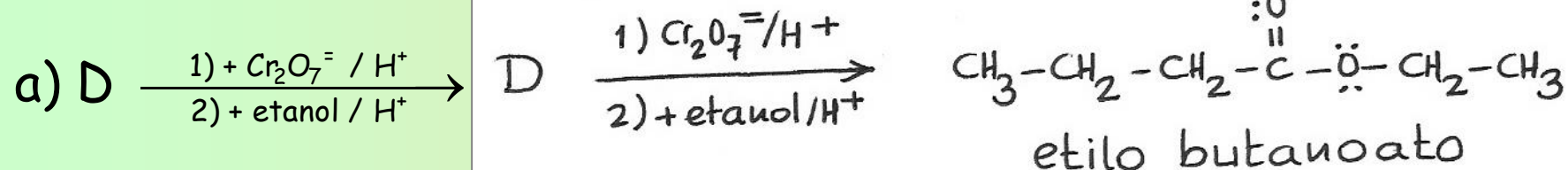


1-butanol

	Formula	Isomeria	+ Br <sub>2</sub>
A	C <sub>4</sub> H <sub>8</sub>	cis-trans	+
B			-
C	C <sub>4</sub> H <sub>10</sub> O	optikoa	-
D			-

# Kimika Organikoa: Ariketak

## Ariketa #01



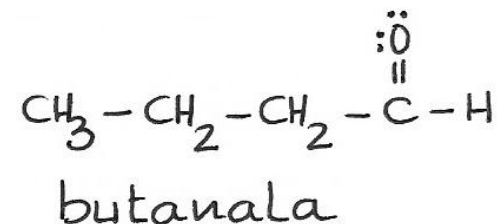
# Kimika Organikoa: Ariketak

## Ariketa #02

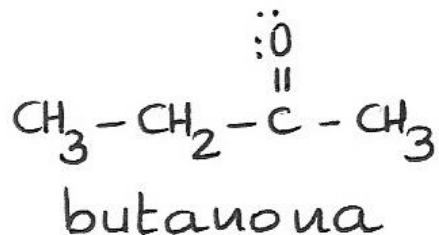
Ondoko A, B, C eta D substantzietan:

- formulak eta izenak eman
- taula osatu
- erreakzio kimikoen diseinua osatu

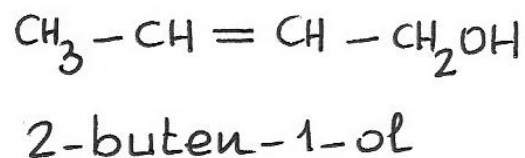
A:



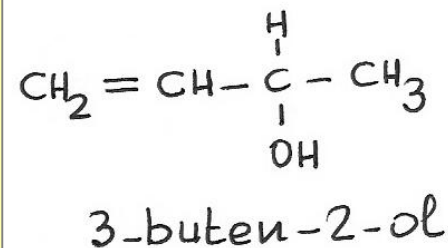
B:



C:



D:

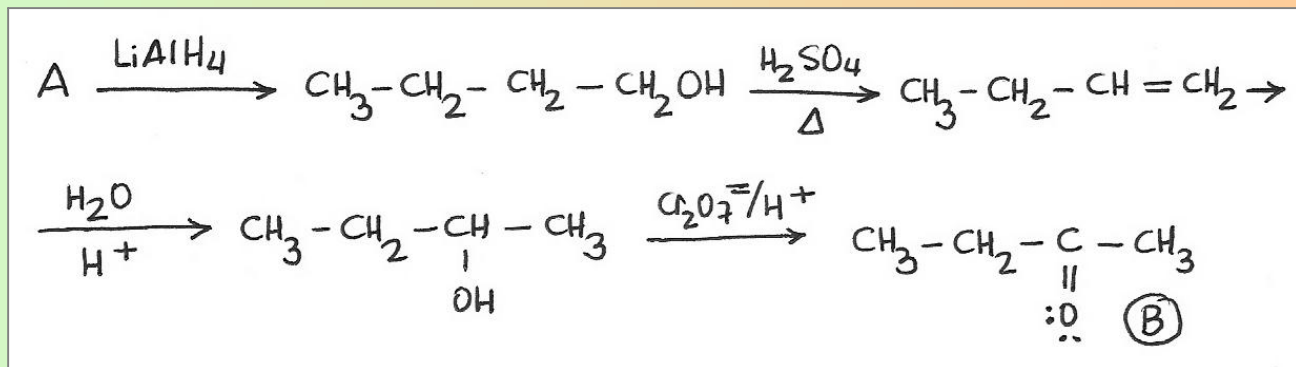


	Formula	Isomeria	+ Br <sub>2</sub>	+ Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> / H <sup>+</sup>	LiAlH <sub>4</sub>
A	C <sub>4</sub> H <sub>8</sub> O	funtzio-isomeria	-	azido	+
B			-	-	+
C		cis-trans	+	azido	-
D		optikoa	+	zetona	-

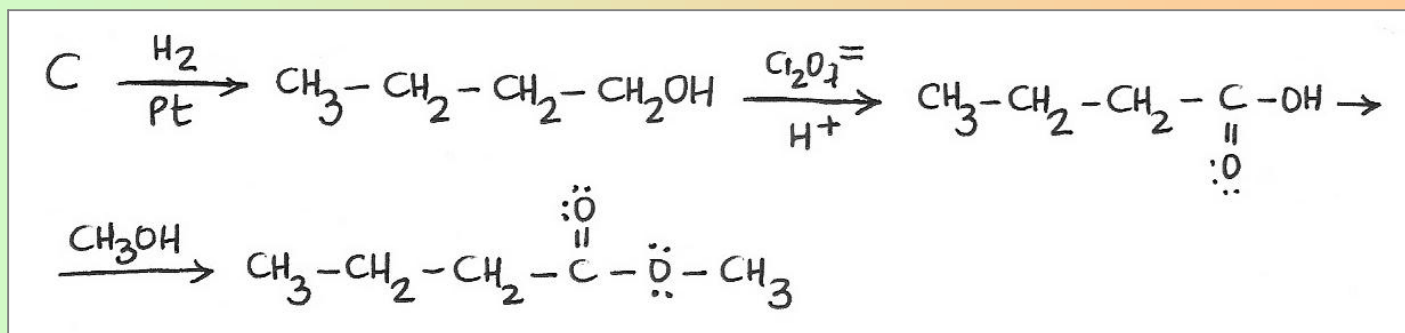
# Kimika Organikoa: Ariketak

## Ariketa #02

a) A → B



b) C → metilo butanoato



c) D → B

