

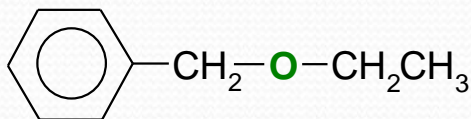
## Exercise 1

Give a correct name for each of the following compounds.



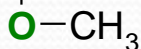
**Common:** Methylpropylether

**IUPAC:** Methoxypropane



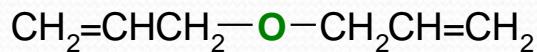
**Common:** Ethylbenzylether

**IUPAC:** Ethoxytoluene



**Common:** sec-butylmethylether

**IUPAC:** 2-Methoxybutane

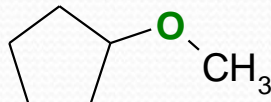


**Common:** Diallylether

**IUPAC:** 3-Allyloxy-1-propene

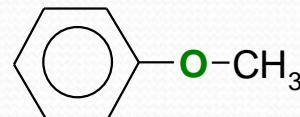


**IUPAC:** 3-Ethoxy-1-pentene



**Common:** Methylcyclopentylether

**IUPAC:** Methoxycyclopentane

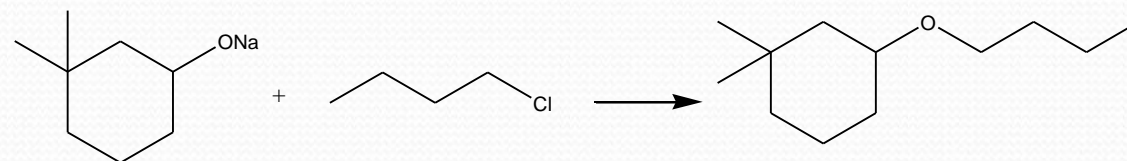
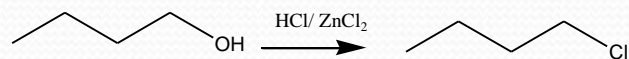
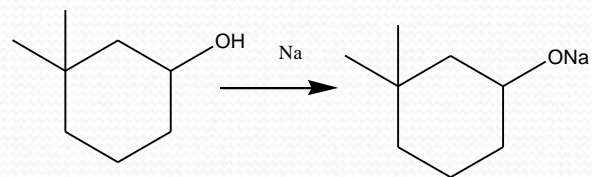


**Common:** Anisol

**IUPAC:** Methoxybenzene

## Exercise 2

Propose a Williamson synthesis of 3-butoxy-1,1-dimethylcyclohexane from 3,3-dimethylcyclohexanol and butanol



# Exercise 3

Predict the products of the following reactions.

