

Date: _____

Esters

- (i) Can be naturally occurring in plants and contribute to the _____ of fruits and flowers.
- (ii) **Uses:** artificial/natural flavouring in foods, perfumes, cosmetics, oils, etc.
- (iii) Esters can be made in the lab (_____)
- (iv) Has a **carbonyl (C=O)** group attached to an oxygen atom (bonded to an alkyl group) and as well another alkyl group.
- (v) **General Formula:**

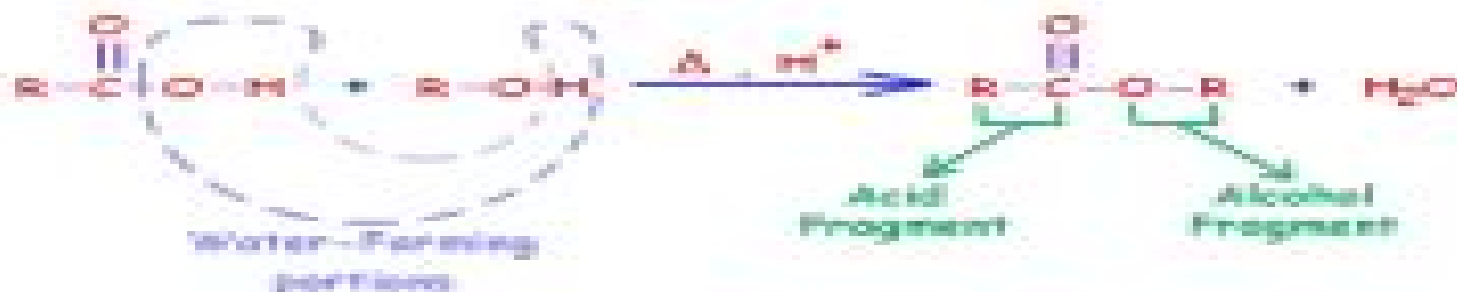
Esterification

- (i) How an ester is formed
- (ii) Done by reacting a _____ with an _____ in presence of a catalyst (an acid) over heat.
- (iii) Small amounts of water is formed as well.

Carboxylic Acid

Alcohol

Ester



Grade 12 The Preparation Of Different Esters With Answers

Rachel Sandford



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