ESTER LAB

June 1-4, 2010

Number each test tube as follows:

1.	Methanol +	Acetic acid>	Methyl acetate
2.	Ethanol +	Acetic acid>	Ethyl acetate
3.	1-Butanol +	Acetic acid>	Butyl acetate
4.	1-Pentanol +	Acetic acid>	Pentyl acetate
5.	Methanol +	Salicylic acid>	Methyl salicylate
6.	Ethanol +	Salicylic acid>	Ethyl salicylate
7.	1-Butanol +	Salicylic acid>	Butyl salicylate
8.	1-Pentanol +	Salicylic acid>	Pentyl salicylate
9.	Methanol +	Propionic acid>	Methyl propionate
10.	Ethanol +	Propionic acid>	Ethyl propionate
11.	1-Butanol +	Propionic acid>	Butyl propionate
12.	1-Pentanol +	Propionic acid>	Pentyl propionate

SYNONYMS:

Methanol	is also called	Methyl alcohol
Ethanol	is also called	Ethyl alcohol

1-Butanol is also called n-Butyl alcohol or n-Butanol

1-Pentanol is also called n-Pentyl or Amyl or n-Amyl alcohol or n-Pentanol

Acetic acid is also called Ethanoic acid

(NOTE: we are actually using a 1:1 mixture of acetic acid + acetic anhydride)

Salicylic acid is also called 2-Hydroxybenzoic acid

Propionic acid is also called Propanoic acid