



Name..... Class.....

1. Draw the molecular formula, full structural formula and shortened structural formula for ethanol in the space below.

2. Define the term “homologous series”.

3. What is the name of the homologous series that ethanol is a member of (other members are propanol, methanol etc.)?.....

4. Match the name used to the number of carbon atoms in the main chain of the compound

Propanol	5
Pentanol	3
Dodecanol	10
Hexanol	12
Nonanol	1
Methanol	9
Heptanol	4
Butanol	6
Undecanol	2
Ethanol	7
Octanol	8
Decanol	11

5. Why does brandy (40 % ABV) burn when beer (5 % ABV) does not (ABV = Alcohol By Volume)?.....

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