

1. Use these organic compounds to answer this question.

The most likely compound that might be used as flavouring agent is _____

2. Use these organic compounds to answer this question.

The compound that would most likely be used in dressing for a salad is

3. Some organic compounds exhibit the following properties:

The group of compounds that exhibits ALL these properties listed above is _____

4. $\text{CH}_3\text{COOC}_2\text{H}_5$ is an example of a(n) _____

- a) organic acid b) ester
c) alcohol d) aromatic

12. **Numerical response question**

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Left justify your answer in the boxes provided.

Greg is looking for substance(s) that might vaporize at room temperature. He is choosing from the list below.

1. Chloroethene
2. Ethene
3. Propan-1-ol
4. Ethane

To solve this dilemma Greg puts the compounds in order from the lowest boiling point to the highest boiling point.

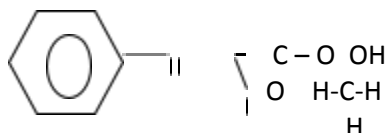
The correct order will be ____, ____, ____, and ____.

13. **Numerical response question**

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Left justify your answer in the boxes provided.

After writing a hard mathematics exam, Callista took a Tylenol to relieve her headache before chemistry class. The active ingredient in the Tylenol is Shown in the structural diagram below.



Choose all the descriptors below that apply to this compounds

1. Aliphatic
2. Aromatic
3. Carboxyl
4. Hydroxyl
5. Acid
6. Alkene

Put the answer(s) in ascending order.

Solutions:

1. C
2. B
3. B
4. B
5. B
6. B
7. A
8. B
9. A
10. D
11. C
12. 2413
13. 245