

## 19 Organic Functional Groups Lab (3387527)

Question

123456789101112131415161718192021222324252627282930313233343536

## 1. Question Details

Formula and Type Function Groups Lab 001 [2552890]

What is the chemical formula for trans-2-pentene?

What type of compound is trans-2-pentene?

- alkyne
- alkene
- alkane

## 2. Question Details

trans-2-pentene structure [2552896]

Draw the (complete) structure of trans-2-pentene.

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## 3. Question Details

Formula and Type Function Groups Lab 002 [2552892]

What is the chemical formula for cis-2-pentene?

What type of compound is cis-2-pentene?

- alkyne
- alkene
- alkane

## 4. Question Details

cis-2-pentene structure [2552897]

Draw the (complete) structure of cis-2-pentene.

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## 5. Question Details

Formula and Type Function Groups Lab 003 [2552893]

What is the chemical formula for propyne?

What type of compound is propyne?

- alkene
- alkyne
- alkane

## 6. Question Details

propyne structure [2552899]

Draw the (complete) structure of propyne.

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## 7. Question Details

Formula and Type Function Groups Lab 004 [2552894]

What is the chemical formula for 3-ethyl-3,4,4-trimethyloctane?

What type of compound is 3-ethyl-3,4,4-trimethyloctane?

- alkene
- alkyne
- alkane

## 8. Question Details

3-ethyl-3,4,4-trimethyloctane structure [2552966]

Draw the (condensed)structure of 3-ethyl-3,4,4-trimethyloctane.

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## 9. Question Details

Formula and Type Function Groups Lab 005 [2552895]

What is the chemical formula for 2,3-dimethyl-1-butene?

What type of compound is 2,3-dimethyl-1-butene?

- alkyne
- alkane
- alkene

## 10. Question Details

2,3-dimethyl-1-butene structure [2552967]

Draw the (condensed)structure of 2,3-dimethyl-1-butene.

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## 11. Question Details

Formula and Type Function Groups Lab 01 [2552323]

What is the chemical formula for methanol?

What type(s) of compound is methanol (more than one may apply)?

- alcohol
- ether
- aromatic
- aldehyde
- ester
- halocarbon
- carboxylic acid
- ketone

## 12. Question Details

Methanol structure [2551775]

Draw the (condensed)structure of methanol.

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## 13. Question Details

Formula and Type Function Groups Lab 02 [2552327]

What is the chemical formula for 2-butanol?

What type(s) of compound is 2-butanol (more than one may apply)?

- carboxylic acid
- alcohol
- ketone
- aldehyde
- ether
- ester
- halocarbon
- aromatic

## 14. Question Details

2-butanol structure [2552319]

Draw the structure of 2-butanol.

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## 15. Question Details

Formula and Type Function Groups Lab 03 [2552328]

What is the chemical formula for 1,2-ethandiol?

What type(s) of compound is 1,2-ethandiol (more than one may apply)?

- halocarbon
- alcohol
- carboxylic acid
- ester
- ketone
- aromatic
- aldehyde
- ether

## 16. Question Details

1,2-ethandiol structure [2552320]

Draw the structure of 1,2-ethandiol.

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## 17. Question Details

Formula and Type Function Groups Lab 04 [2552368]

What is the chemical formula for propanone?

What type(s) of compound is propanone (more than one may apply)?

- aromatic
- ketone
- halocarbon
- carboxylic acid
- ester
- ether
- alcohol
- aldehyde

## 18. Question Details

Propanone structure [2552349]

Draw the structure of propanone.

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## 19. Question Details

Formula and Type Function Groups Lab 05 [2552369]

What is the chemical formula for 3-hexanone?

What type(s) of compound is 3-hexanone (more than one may apply)?

- ether
- aldehyde
- ketone
- alcohol
- halocarbon
- aromatic
- ester
- carboxylic acid

## 20. Question Details

3-hexanone structure [2552350]

Draw the structure of 3-hexanone.

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## 21. Question Details

Formula and Type Function Groups Lab 06 [2552371]

What is the chemical formula for 3-methylbutanal?

What type(s) of compound is 3-methylbutanal (more than one may apply)?

- aldehyde
- halocarbon
- alcohol
- carboxylic acid
- ketone
- ester
- aromatic
- ether

## 22. Question Details

3-methylbutanal structure [2552351]

Draw the structure of 3-methylbutanal.

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## 23. Question Details

Formula and Type Function Groups Lab 07 [2552372]

What is the chemical formula for phenol?

What type(s) of compound is phenol (more than one may apply)?

- ether
- ester
- ketone
- aromatic
- carboxylic acid
- alcohol
- aldehyde
- halocarbon

## 24. Question Details

phenol structure [2552352]

Draw the structure of phenol.

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## 25. Question Details

Formula and Type Function Groups Lab 08 [2552373]

What is the chemical formula for methylbenzene?

What type(s) of compound is methylbenzene (more than one may apply)?

- ketone
- ester
- carboxylic acid
- ether
- alcohol
- aldehyde
- halocarbon
- aromatic

## 26. Question Details

methylbenzene structure [2552353]

Draw the structure of methylbenzene.

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## 27. Question Details

Formula and Type Function Groups Lab 09 [2552374]

What is the chemical formula for paradichlorobenzene?

What type(s) of compound is paradichlorobenzene (more than one may apply)?

- alcohol
- ketone
- carboxylic acid
- aromatic
- halocarbon
- ether
- aldehyde
- ester

## 28. Question Details

paradichlorobenzene structure [2552354]

Draw the structure of paradichlorobenzene.

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## 29. Question Details

Formula and Type Function Groups Lab 10 [2552375]

What is the chemical formula for propanoic acid?

What type(s) of compound is propanoic acid (more than one may apply)?

- ketone
- alcohol
- carboxylic acid
- halocarbon
- ester
- ether
- aldehyde
- aromatic

## 30. Question Details

propanoic acid structure [2552360]

Draw the structure of propanoic acid.

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## 31. Question Details

Formula and Type Function Groups Lab 11 [2552377]

What is the chemical formula for ethylpropyl ether?

What type(s) of compound is ethylpropyl ether (more than one may apply)?

- ketone
- alcohol
- ether
- aromatic
- halocarbon
- ester
- carboxylic acid
- aldehyde

## 32. Question Details

ethylpropyl ether structure [2552362]

Draw the structure of ethylpropyl ether.

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## 33. Question Details

Formula and Type Function Groups Lab 12 [2552378]

What is the chemical formula for propylethanoate?

What type(s) of compound is propylethanoate (more than one may apply)?

- ester
- alcohol
- aromatic
- carboxylic acid
- aldehyde
- ketone
- halocarbon
- ether

## 34. Question Details

propylethanoate structure [2552363]

Draw the structure of propylethanoate.

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## 35. Question Details

Formula and Type Function Groups Lab 13 [2552379]

What is the chemical formula for dichlorodifluoromethane?

What type(s) of compound is dichlorodifluoromethane (more than one may apply)?

- ester
- aldehyde
- alcohol
- aromatic
- halocarbon
- carboxylic acid
- ether
- ketone

## 36. Question Details

dichlorodifluoromethane structure [2552364]

Draw the structure of dichlorodifluoromethane.

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## 37. Question Details

Formula and Type Function Groups Lab 14 [2552380]

What is the chemical formula for 2-bromopentanal?

What type(s) of compound is 2-bromopentanal (more than one may apply)?

- aromatic
- ketone
- carboxylic acid
- aldehyde
- halocarbon
- ether
- ester
- alcohol

## 38. Question Details

2-bromopentanal structure [2552365]

Draw the structure of 2-bromopentanal.

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## 39. Question Details

Formula and Type Function Groups Lab 15 [2552381]

What is the chemical formula for 2,2,3-trichloropropanal?

What type(s) of compound is 2,2,3-trichloropropanal (more than one may apply)?

- alcohol
- aldehyde
- ester
- halocarbon
- ether
- aromatic
- carboxylic acid
- ketone

## 40. Question Details

2,2,3-trichloropropanal structure [2552367]

Draw the structure of 2,2,3-trichloropropanal.

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Assignment Details

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