

of the _____ in a compound.

$C=C$

[CHM102] A benzene ring with a methyl group at position one and nitro group at position three is _____?

p- NO_2 -nitrotoluene

[CHM102] Which of these compounds have a benzene ring with a methyl group at position one?

Toluene

[CHM102] When alkene reacts with borane, addition to the $C=C$ takes place to yield organoborane a compound with a carbon-boron bond, the reaction is known as

_____.

hydroboration

[CHM102] Undecane is a straight chain alkane containing how many carbon atoms?

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[CHM102] A member of a homologue series must poses a similar structure but differ in the _____ repeating unit.

$-CH_2-$

[CHM102] In _____ reaction, a conjugated diene is treated with an unsaturated compound called dienophile to yield a cyclic system.

Diels-Alder reaction

[CHM102] In _____ compounds, the molecules are formed by the sharing of electron pairs between the constituent atoms.

covalent

[CHM102] Which of these theoretical concept enables realistic modelling of molecular structure? _____

hybridization

[CHM102] The terminal alkynes on hydroboration give _____.

aldehydes

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