

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

#Hun Tsu



wtf this great ebook for free?!

#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

South Pasadena • AP Chemistry

Name: CYRUS
Period: ___ Date: ___/___/___

11 • Chemistry of Carbon

PRACTICE TEST

- A molecule named propyne has the formula:
 - C₃H₄
 - C₃H₆
 - C₃H₈
 - C₃H₂

C₃H₄
- What is the name of a molecule with the formula, C₇H₁₆?
 - pentane
 - hexane
 - heptane
 - octane

heptane
- A molecule that fits the pattern, C_nH_{2n-2}, is (n):
 - alkane
 - alkene
 - alkyne
 - acid

alkyne
- The general formula of the alkyne series is:
 - C_nH_{2n}
 - C_nH_{2n-2}
 - C_nH_{2n+2}
 - C_nH_{2n+4}

C_nH_{2n-2}
- How many pi bonds are present in propyne?
 - 1
 - 2
 - 3
 - 4


2
- The hydrocarbon series that has a double bond between carbon atoms is the:
 - alkane family
 - alkene family
 - alkyne family
 - alkadiene family

alkene family
- Organic chemistry is the study of:
 - compounds of carbon
 - minerals
 - once-living things
 - compounds produced by living things

compounds of carbon
- In octane, the hybridization(s) of carbon is(are):
 - sp and sp²
 - sp² only
 - sp³ and sp²
 - sp, sp² and sp³

sp³ and sp²
- The properties of carboxylic acids include all of the following except:
 - they can be neutralized by bases
 - the molecule has some polarity
 - they ionize completely in water solution
 - they react with alcohols to form esters

they ionize completely in water solution
- Dimethylfluorene is also known as xylene. 1,3-dimethylfluorene would be the same as:
 - ortho-xylene
 - meta-xylene
 - para-xylene
 - none of these

meta-xylene
- The compound  is classified as a:
 - alcohol
 - ester
 - acid
 - ketone

ketone
- What hybridization is utilized by the oxygen atom in the carbonyl group above?
 - sp
 - sp²
 - sp³
 - sp⁴

sp²

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