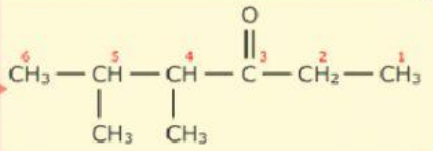
Nama :

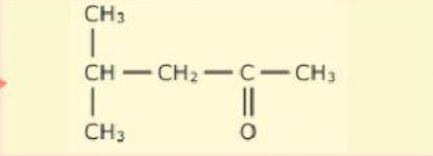
Kelas :

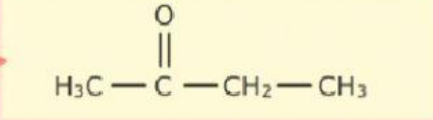
ALKANON (KETON)

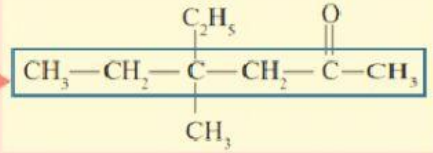
A. Tata Nama

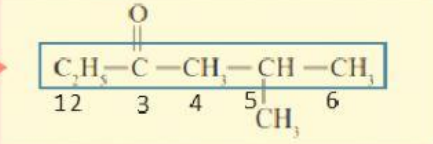
1. Beri nama IUPAC senyawa Alkanon berikut!

a. 

b. 

c. 

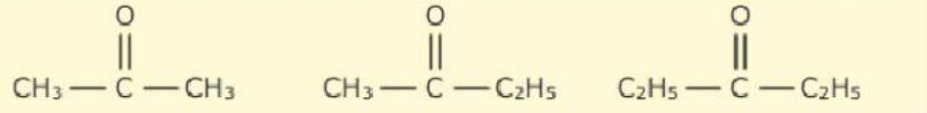
d. 

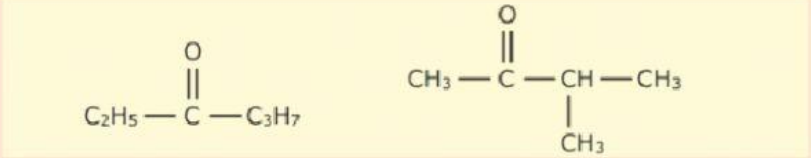
e. 

5-metil-3-heksanon | 4-metil-2-pentanon | 4,5-dimetil-3-heksanon

4-etil-4-metil-heksanon | 2-butanon (etil metil keton)

2. Beri nama Trivial senyawa Alkanon berikut!

a 

b 

etil propil keton | etil metil keton | dietil keton

dimetil keton (aseton) | metil isopropil keton

LIVEWORKSHEETS

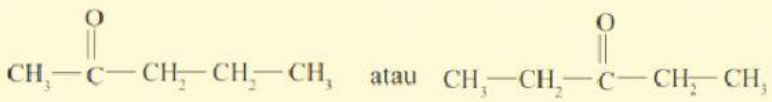
B. Isomer Alkanon

1. Isomer Rangka/rantai

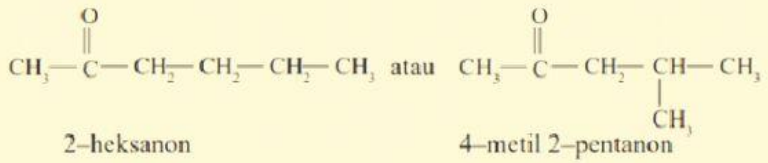
2. Isomer Posisi

2. Isomer Gugus Fungsi

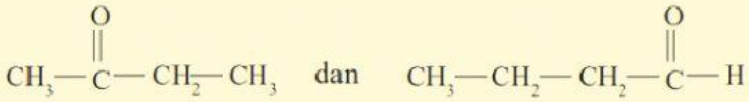
Pindahkan pasangan isomer berikut sesuai dengan jenis isomernya



2–pentanon 3–pentanon



2–heksanon 4–metil 2–pentanon



2–butanon butanal

LIVEWORKSHEETS

C. Sifat-sifat Alkanon

1. Sifat Fisis

a.

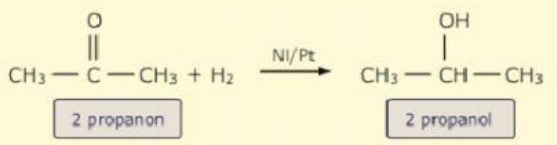
b.

c.

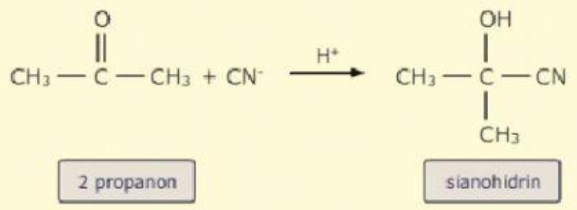
d.

2. Sifat Kimia

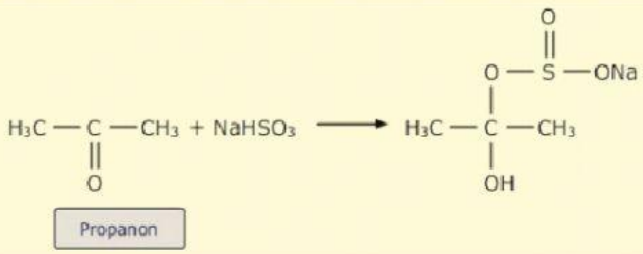
a.



b.



c.



d.

Keton + Fehling → tidak bereaksi

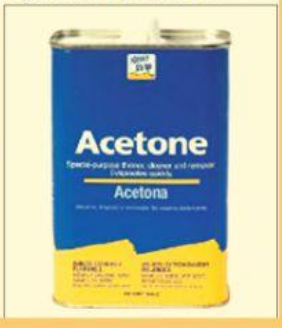
Keton +Tollens → tidak bereaksi

LIVEWORKSHEETS

D. Kegunaan Alkanon

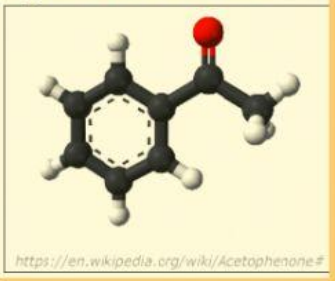
Pasangkan senyawa alkanon berikut dengan kegunaannya

Kegunaan 2 propanon:



Kegunaan alkanon :

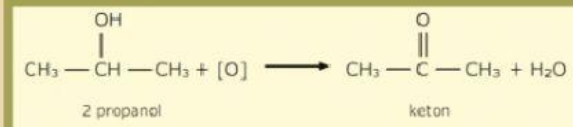
Kegunaan asetofenon:



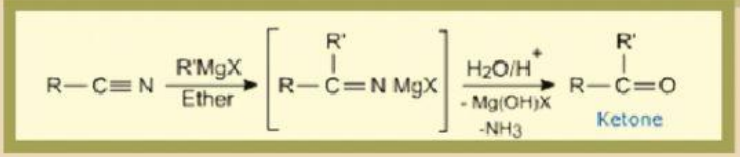
Kegunaan aseton:

E. Pembuatan Alkanon

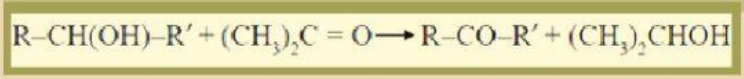
1.



2.



3.



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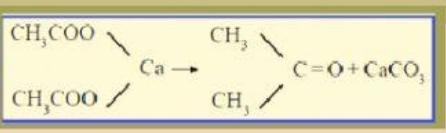

LIVEWORKSHEETS