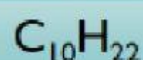
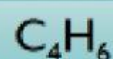
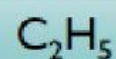
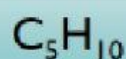
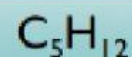
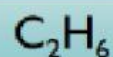
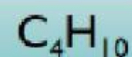
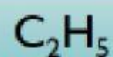


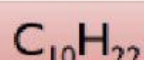
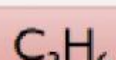
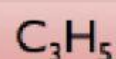
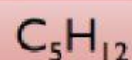
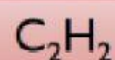
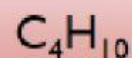
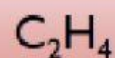
COBA KELOMPOKKAN SENYAWA BERIKUT MANA  
YANG TERMASUK ALKANA, ALKENA ATAU ALKUNA

**TENTUKAN JENIS SENYAWA BERIKUT.  
CUKUP DRAG KOTAK YA**

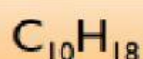
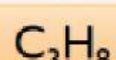
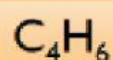
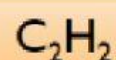
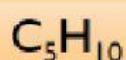
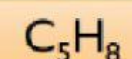
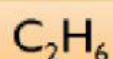
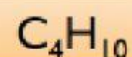
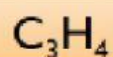
Alkana



Alkena



Alkuna



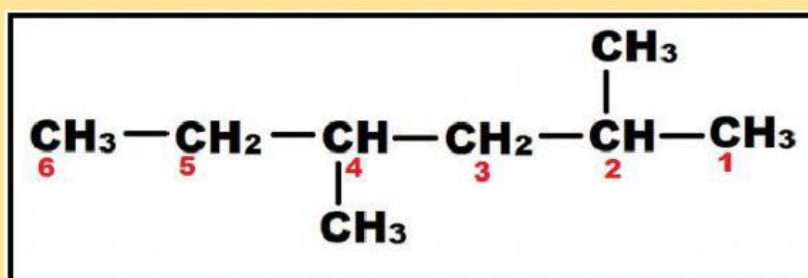
## TATANAMA SENYAWA HIDROKARBON

|                 | ALKANA           | ALKENA           | ALKUNA           | Cabang/Alkil |
|-----------------|------------------|------------------|------------------|--------------|
| C <sub>1</sub>  | Met- <b>ana</b>  | Met- <b>ena</b>  | Met- <b>una</b>  | Metil        |
| C <sub>2</sub>  | Et- <b>ana</b>   | Et- <b>ena</b>   | Et- <b>una</b>   | Etil         |
| C <sub>3</sub>  | Prop- <b>ana</b> | Prop- <b>ena</b> | Prop- <b>una</b> | Propil       |
| C <sub>4</sub>  | But- <b>ana</b>  | But- <b>ena</b>  | But- <b>una</b>  | Butil        |
| C <sub>5</sub>  | Pent- <b>ana</b> | Pent- <b>ena</b> | Pent- <b>una</b> | Amil         |
| C <sub>6</sub>  | Heks- <b>ana</b> | Heks- <b>ena</b> | Heks- <b>una</b> | Heksil       |
| C <sub>7</sub>  | Hept- <b>ana</b> | Hept- <b>ena</b> | Hept- <b>una</b> | Heptil       |
| C <sub>8</sub>  | Okt- <b>ana</b>  | Okt- <b>ena</b>  | Okt- <b>una</b>  | Oktil        |
| C <sub>9</sub>  | Non- <b>ana</b>  | Non- <b>ena</b>  | Non- <b>una</b>  | Nonil        |
| C <sub>10</sub> | Dek- <b>ana</b>  | Dek- <b>ena</b>  | Dek- <b>una</b>  | Dekil        |

### ATURAN DASAR TATANAMA

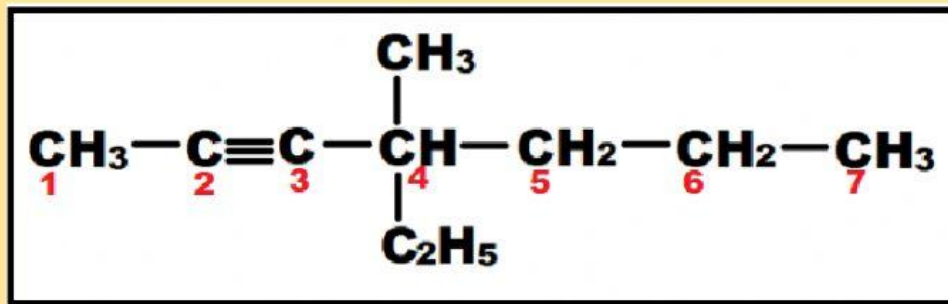
- 1) Tentukan jenis hidrokarbon (alkana/alkena/alkuna)
- 2) Tentukan rantai utamanya (terpanjang dan ada ikatan rangkapnya)
- 3) Tentukan penomerannya
- 4) Tuliskan semua cabangnya (urutkan alfabeth)
- 5) Tuliskan namanya dgn format (no.cabang-nama cabang-no.ikatan rangkap-rantai utama)

### CONTOH



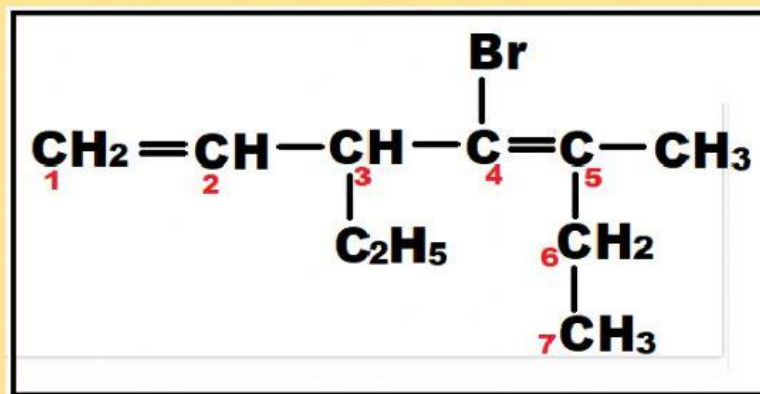
- ☑ Jenis hidrokarbon : Alkana
- ☑ Rantai utama : lurus dari kiri ke kanan
- ☑ Nama rantai utama : heksana (jumlah C ada 6)
- ☑ Penomeran : mulai dari kanan (karena dekat cabang)
- ☑ No. Ikatan rangkap : -
- ☑ Cabang : 2 = metil      4 = metil
- ☑ Nama : 2,4-dimetil heksana

### CONTOH



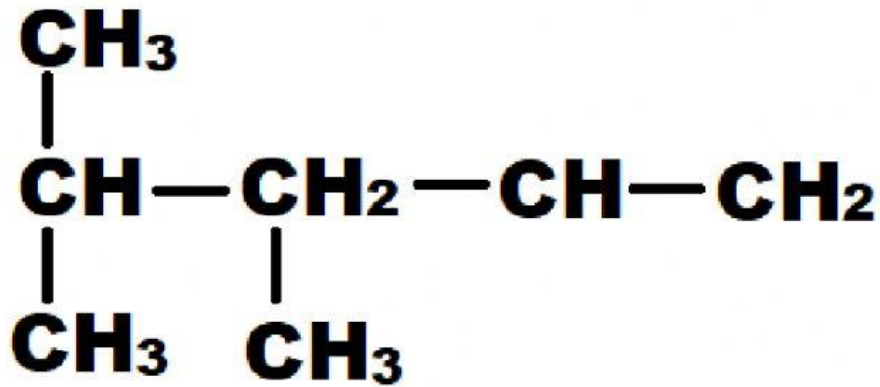
- ✓ Jenis hidrokarbon : Alkuna
- ✓ Rantai utama : lurus dari kiri ke kanan
- ✓ Nama rantai utama : heptuna (jumlah C ada 7)
- ✓ Penomeran : mulai dari diri (dekat ikatan rangkap)
- ✓ No. Ikatan rangkap : 2
- ✓ Cabang : 4 = metil      4 = etil
- ✓ Nama : 4-etil-4-metil-2-heptuna

### CONTOH



- ✓ Jenis hidrokarbon : Alkena
- ✓ Rantai utama : dari kiri kekanan lalu turun kebawah
- ✓ Nama rantai utama : heptena (jumlah C ada 7)
- ✓ Penomeran : mulai dari diri (dekat ikatan rangkap)
- ✓ No. Ikatan rangkap : 1 dan 4
- ✓ Cabang : 3 = etil      4 = bromo      5 = metil
- ✓ Nama : 4-bromo-3-etil-5-metil-1,4-heptadiena

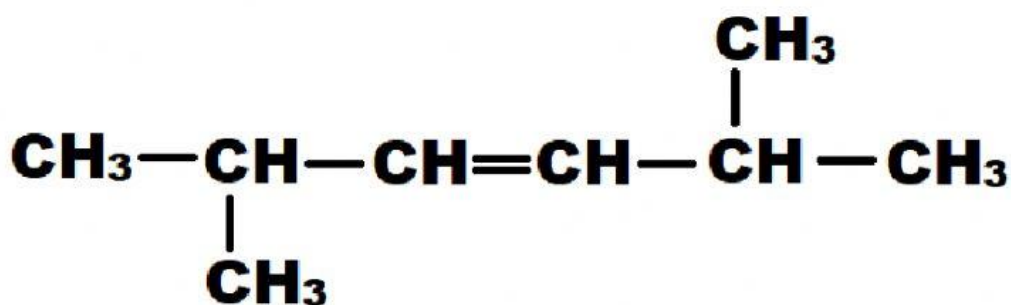
**LATIHAN SOAL 1**



- ☒ Jenis hidrokarbon : .....
- ☒ Rantai utama : .....
- ☒ Nama rantai utama : .....
- ☒ Penomeran : .....  
(tuliskan juga urutan nomornya di gambar)
- ☒ No. Ikatan rangkap : .....
- ☒ Cabang : .....  
.....
  
- ☒ Nama : .....

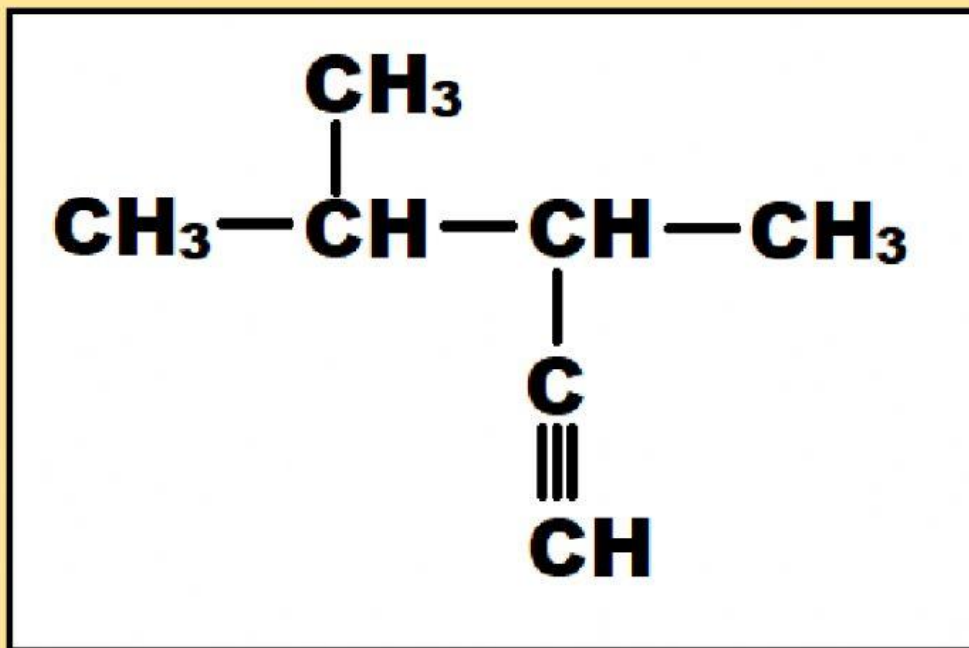


**LATIHAN SOAL 2**



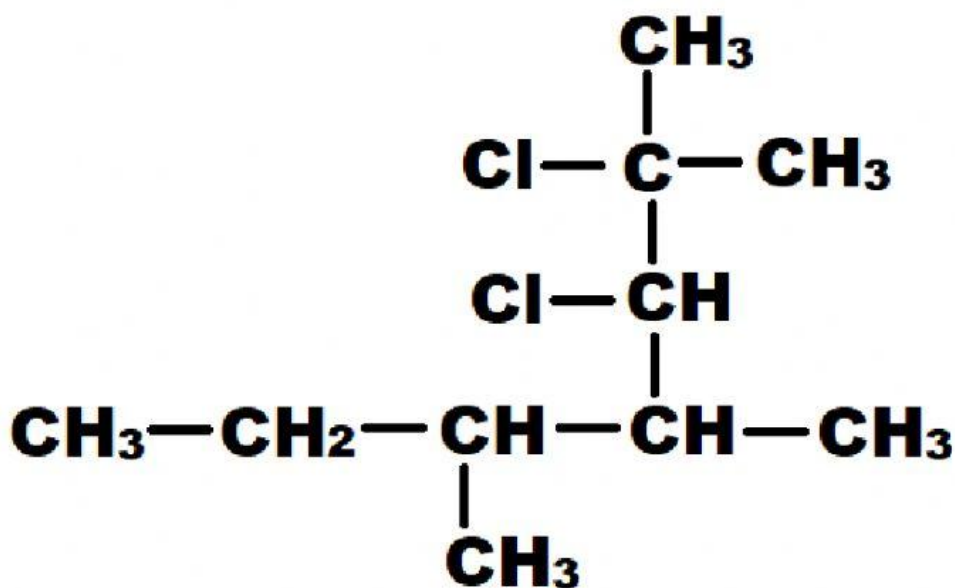
- ☒ Jenis hidrokarbon : .....
- ☒ Rantai utama : .....
- ☒ Nama rantai utama : .....
- ☒ Penomeran : .....  
(tuliskan juga urutan nomornya di gambar)
- ☒ No. Ikatan rangkap : .....
- ☒ Cabang : .....  
.....
- ☒ Nama : .....

**LATIHAN SOAL 3**



- ☒ Jenis hidrokarbon : .....
- ☒ Rantai utama : .....
- ☒ Nama rantai utama : .....
- ☒ Penomeran : .....  
(tuliskan juga urutan nomornya di gambar)
- ☒ No. Ikatan rangkap : .....
- ☒ Cabang : .....  
.....
- ☒ Nama : .....

**LATIHAN SOAL 4**

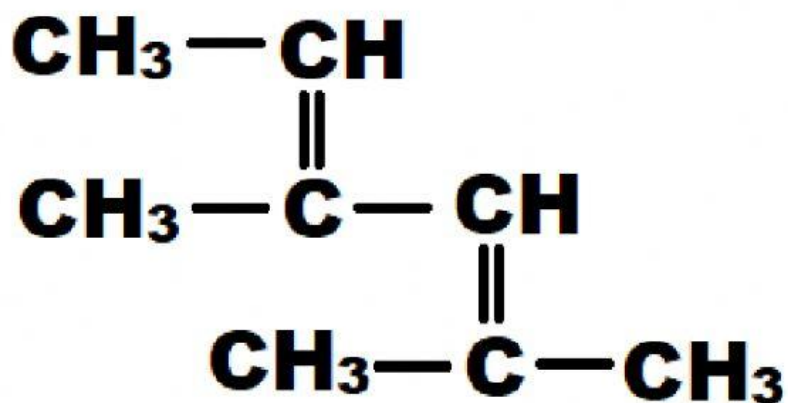


- ☒ Jenis hidrokarbon : .....
- ☒ Rantai utama : .....
- ☒ Nama rantai utama : .....
- ☒ Penomeran : .....  
(tuliskan juga urutan nomornya di gambar)
- ☒ No. Ikatan rangkap : .....
- ☒ Cabang : .....  
.....
- ☒ Nama : .....

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**LATIHAN SOAL 5**

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- ☒ Jenis hidrokarbon : .....
- ☒ Rantai utama : .....
- ☒ Nama rantai utama : .....
- ☒ Penomeran : .....  
(tuliskan juga urutan nomornya di gambar)
- ☒ No. Ikatan rangkap : .....
- ☒ Cabang : .....  
.....
  
- ☒ Nama : .....