1. Popuni tablicu

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ime** | **Strukturna** **formula** | **Sažeta strukturna** **formula** | **Molekulska formula** | **Mr** |
| eten |  |  |  |  |
|  propen |  |  |  |  |
| buten |  |  |  |  |
| penten |  |  |  |  |
| heksen  |  |  |  |  |
| hepten |  |  |  |  |
| okten |  |  |  |  |
| nonen |  |  |  |  |
| deken |  |  |  |  |

2. Dopuni.

opća formula alkena:

nastavak u imenu:\_\_\_\_\_\_\_\_\_\_\_

pripadaju \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ugljikovodicima

karakteristične reakcije: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ i \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**svojstva i uporaba:**

svojstva etena:

uporaba etena:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

reagensi za dokazivanje nezasićenosti (dvostruka veza):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3.**Reakcije:**

gorenje uz dovoljan pristup zraka

1. C2H4 + O2
2. C3H6 + O2
3. C4H8 +O2
4. C5H10 + O2

gorenje uz nedovoljan pristup zraka

1. C2H4 + O2
2. C3H6  + O2

Adicija

C2H4 + Br2

4.Prikaži strukturnim, sažetim strukturnim i molekulskim formulama

a) heks-1en b) pent-2 en