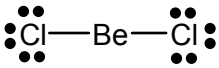
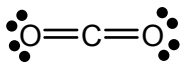
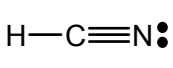
Rešitve

1.1 D *3 T*
1.2 Č *3 T*
1.3 E *3 T* **Skupaj: 9,0 T**

2.

	berilijev diklorid	ogljikov dioksid	vodikov cianid
strukturna formula molekule	 *1,0 T*	 *1,0 T*	 *1,0 T*
polarnost molekule	nepolarna *0,5 T*	nepolarna *0,5 T*	polarna *0,5 T*

Skupaj: 9,0 T

3.1 – 2219 kJ *4 T*
3.2 – 2,29 · 10^4 kJ (*ali* sprosti se 2,29 · 10^4 kJ *ali* 2,29 · 10^4 kJ) *4 T* **Skupaj: 8,0 T**

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4. 7,8 · 10^{23} ionov **7,0 T**

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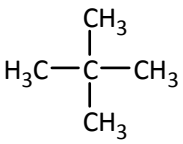
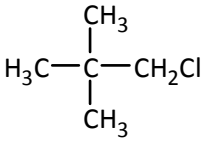
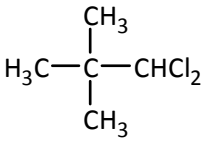
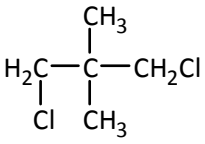
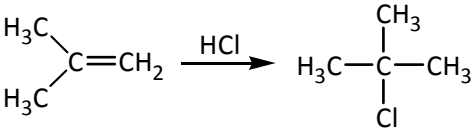
5. A $NH_3(g)$ *4 T*
B $NH_4Cl(s)$ *4 T* **Skupaj: 8,0 T**

6.1 C_5H_{12}  6 T
3 T *3 T*

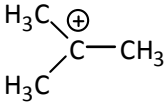
6.2  3 T

6.3   4 T
2 T *2 T*

Skupaj: 13,0 T

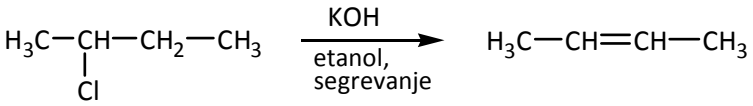
7.1  4 T

7.2 elektrofilna adicija 2 T

7.3  karbokation 3 T

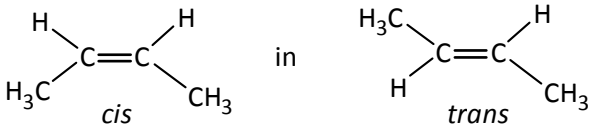
Skupaj: 9,0 T

8.1 Sinteza:



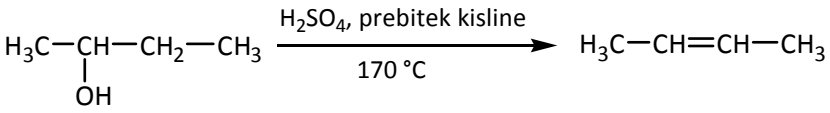
3 T

Problem te sinteze je nastanek dveh geometrijskih izomerov.



3 T

8.2

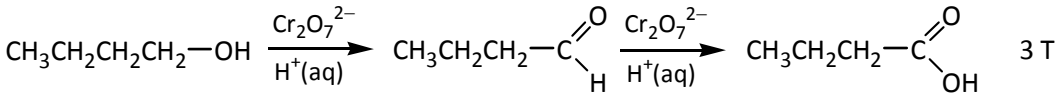


4 T

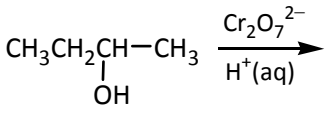
Skupaj: 10,0 T

9.1 1. test

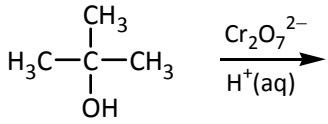
Segrevamo s kislo raztopino kalijevega dikromata(VI).



3 T



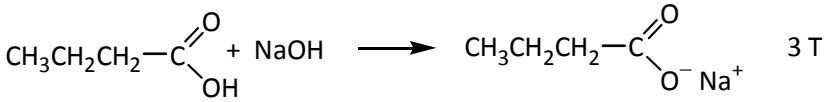
3 T



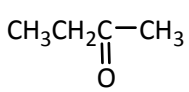
ne reagira 3 T

9.2 2. test

Reakcija z NaOH ali natrijem



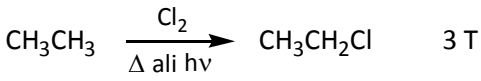
3 T



ni reakcije 3 T

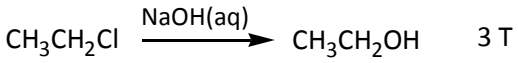
Skupaj: 15,0 T

10.1 1. korak



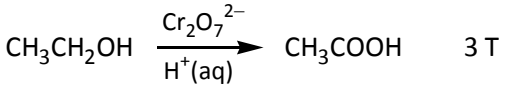
3 T

10.2 2. korak



3 T

10.3 3. korak



3 T

10.4 4. korak

3 T

Skupaj: 12,0 T

Vse skupaj: 100,0 T