



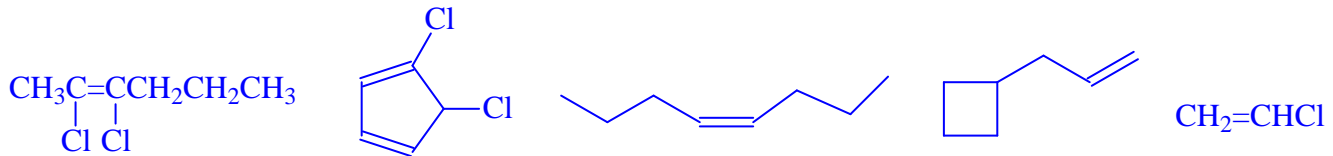
Adı Soyadı:	Numarası:	Tarih: 10/11/2012
Dersin Adı: <i>Organik Kimya I</i> (Arasnav)	Bölümü: <i>Kimya Tekn.</i>	
Yarıyıl: <i>Güz-2014</i>	Sınıfı: <i>II</i>	ubesi: <input type="checkbox"/> N.Ö: <input type="checkbox"/> .Ö: <input checked="" type="checkbox"/> Ö rencinin mzası: <input type="checkbox"/>
Ö retim Elemanının Adı Soyadı: <i>Prof. Dr. Mustafa ODABA O LU</i>		

1. A a 1da adları verilenlerin bile iklerin formüllerini yazınız (20 Puan).

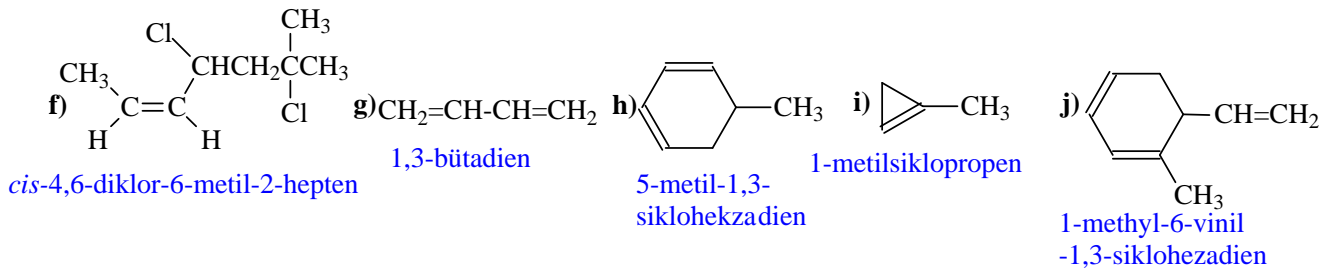
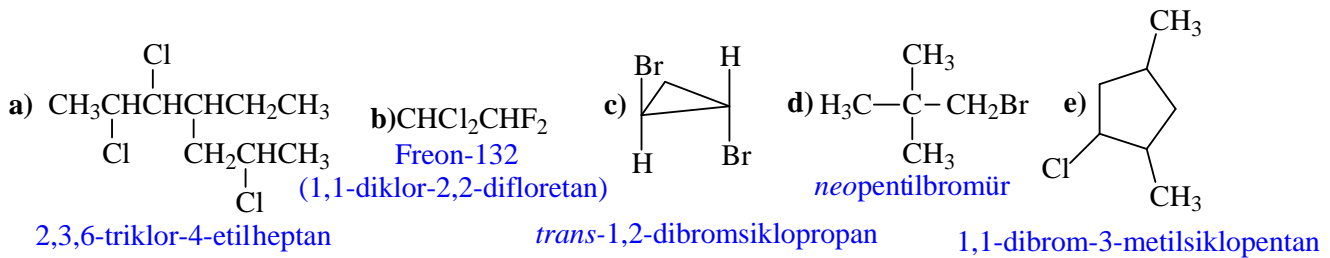
a)2,4-dibromhekzan b)trans-1-klor-3-bromsiklopentan c)neohekzan d)ter.bütülbromür e)bromoform



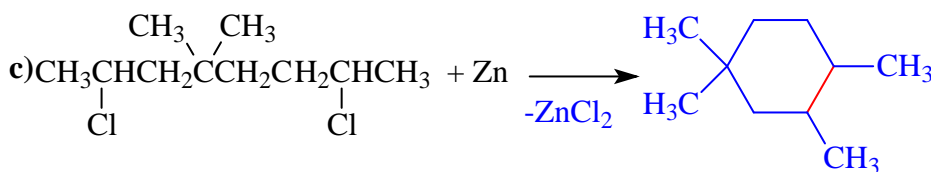
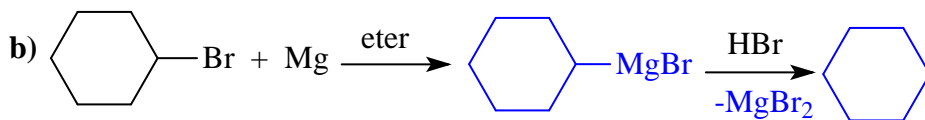
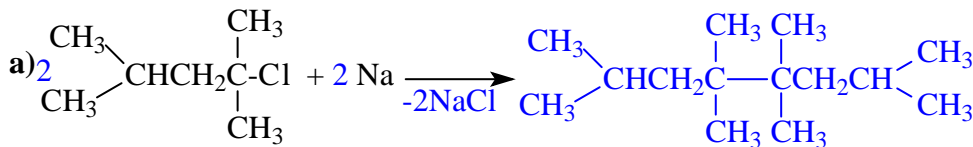
f)2,3-diklor-2-hekzen g)1,5-diklor-1,3-siklopentadien h)cis-4-okten i)allilsiklobütan j)vinilklorür

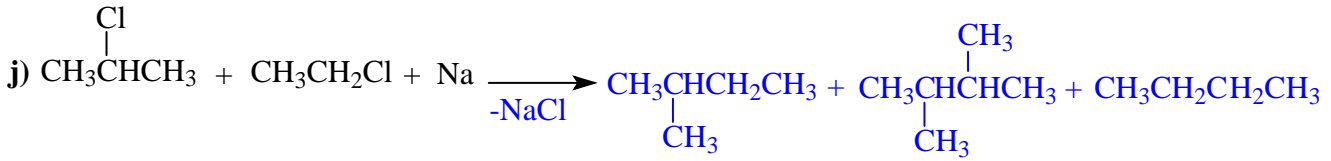
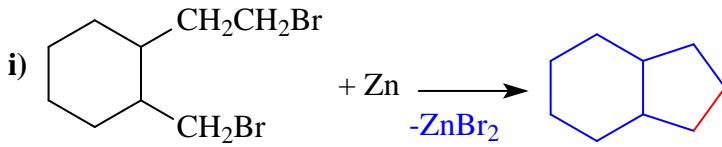
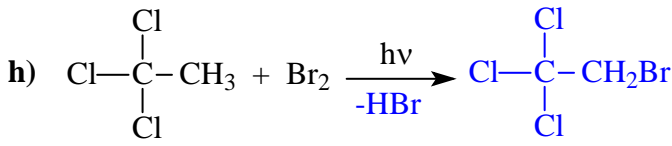
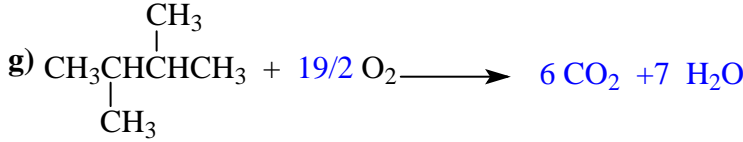
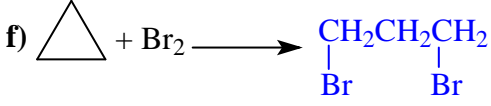
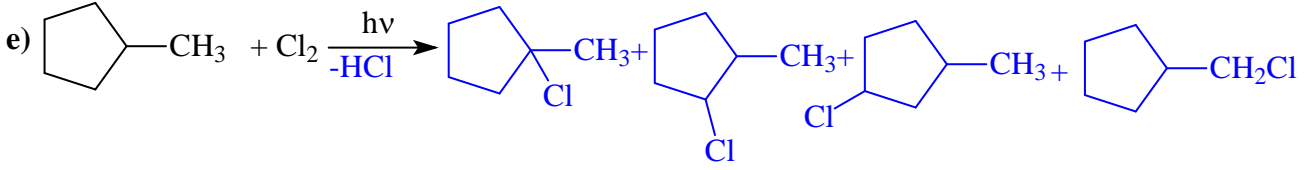
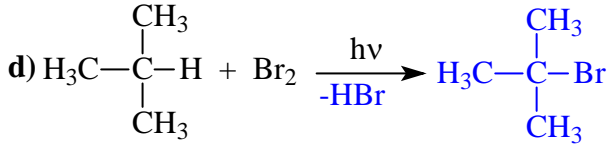


2. A a 1da formülleri verilenlerin bile iklerin adlarını yazınız (20 Puan).

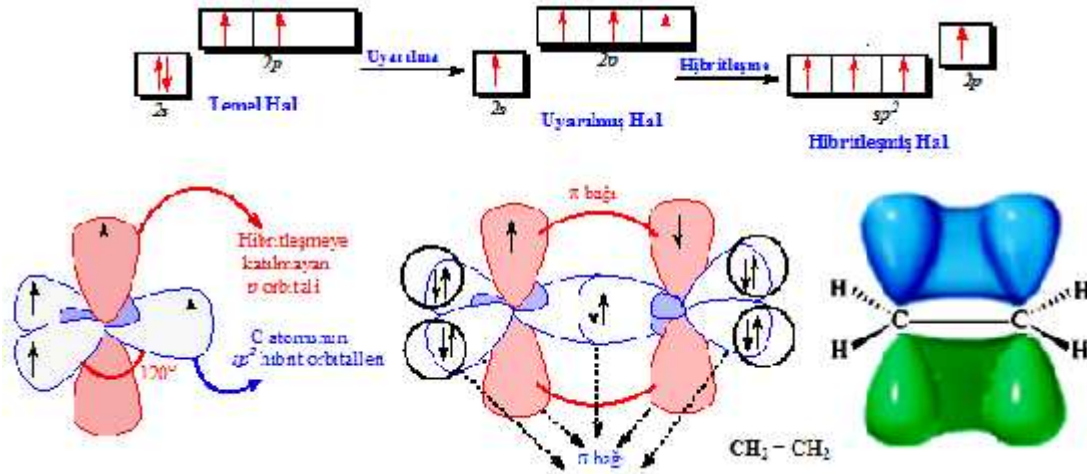


3. A a 1da verilen reaksiyonları tamamlayınız (40Puan).

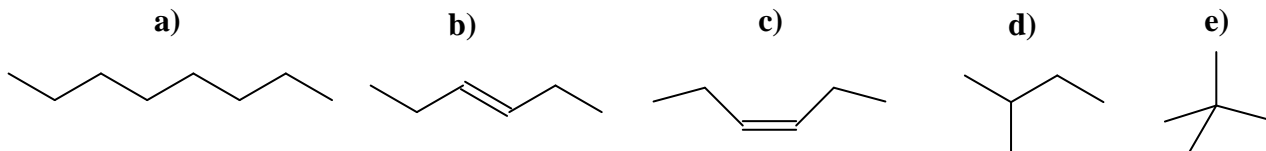




4. Karbonun hibritleşme mesini göstererek  $\text{CH}_2=\text{CH}_2$  molekülünün geometrik yapısını çiziniz (C=6) (10 Puan).



5. Nedenlerini açıklayarak a a ıda verilen hidrokarbonları kaynama noktalarına göre sıralayınız (10 Puan).



Zincir uzadıkça kaynama noktası yükselir, dallanma arttıkça kaynama noktası düşer. Cis izomer Trans izomerden daha yüksek sıcaklıkta kaynar.  $a > c > b > d > e$