

4 Kohlenwasserstoffe in Erdöl und Erdgas

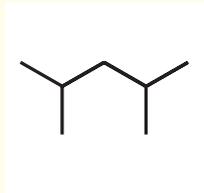
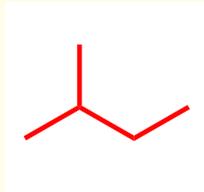
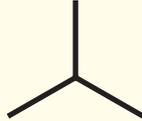
Seite 45



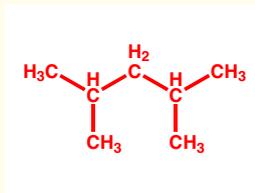
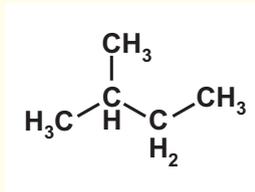
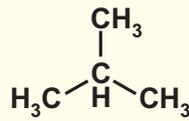
Übungen zu den Formelschreibweisen

Fülle die leeren Kästchen mit den entsprechenden Formelbildern!

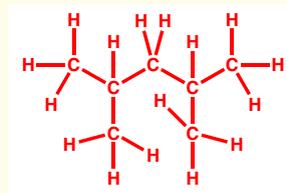
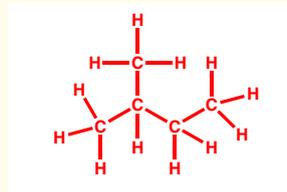
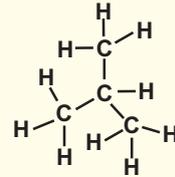
Kurzschreibweise



Halbstrukturformel



Strukturformel



Seite 46

Aufgabe mit dem Molekülbaukasten:

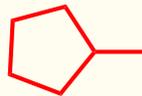
Baue folgende Moleküle zusammen. Zeichne dann die Strukturformeln.



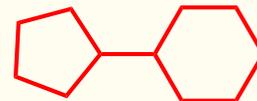
1) 2,2,4-Trimethylpentan



2) Methylcyclopentan



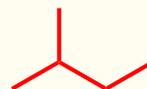
3) Cyclopentyl-cyclohexan (schwierig)



4) Alle isomeren Moleküle von C_5H_{12} und bestimme deren Namen.



Pentan



Methyl-butan



Dimethyl-propan