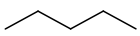
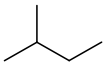
NOMENKLATURA ALKANÓW I CYKLOALKANÓW

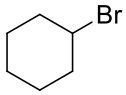
dr inż. Jan Alfuth

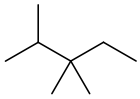
Zad.1. Podaj nazwy poniższych związków zgodnie z regułami IUPAC. Jeżeli to możliwe, zapisz również nazwę zwyczajową.

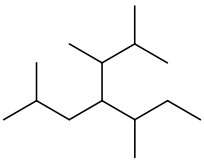
a) 

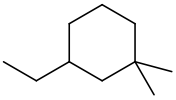
b) 

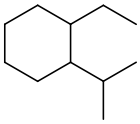
c) 

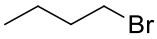
d) 

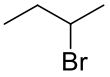
e) 

f) 

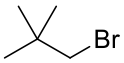
g) 

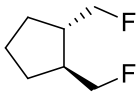
h) 

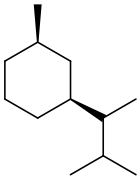
i) 

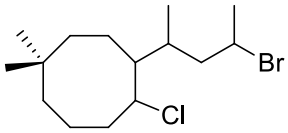
j) 

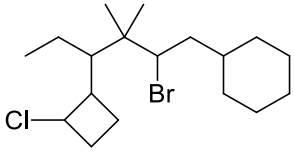
k) 

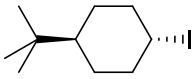
l) 

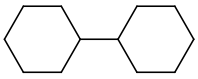
m) 

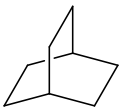
n) 

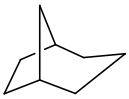
o) 

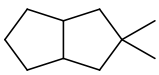
p) 

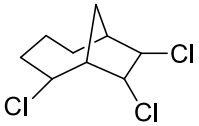
r) 

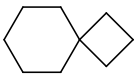
s) 

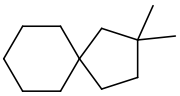
t) 

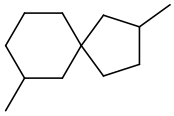
u) 

v) 

w) 

x) 

y) 

z) 

	IUPAC	zwyczajowo / inne nazwy
a)	pentan	n-pentan
b)	2-metylobutan	izopentan
c)	2,2-dimetylopropan	neopentan
d)	bromocykloheksan	bromek cykloheksylu
e)	2,3,3-trimetylopentan	
f)	2,3,5-trimetylo-4-(2-metylopropylo)heptan	4-izobutylo-2,3,5-trimetyloheptan
g)	3-etylo-1,1-dimetylocykloheksan	
h)	1-etylo-2-(1-metyloetylo)cykloheksan	1-etylo-2-izopropylocykloheksan
i)	1-bromobutan	bromek n-butylu
j)	2-bromobutan	bromek *sec*-butylu
k)	2-bromo-2-metylopropan	bromek *tert*-butylu (bromek *t*-butylu)
l)	1-bromo-2,2-dimetylopropan	bromek neopentylu
m)	*trans*-1,2-di(fluorometylo)cyklopentan	
n)	*cis*-1-(1,2-dimetylopropylo)-3-metylocykloheksan	
o)	4-(3-bromo-1-metylobutylo)-5-chloro-1,1-dimetylocyklooktan	
p)	2-bromo-4-(2-chlorocyklobutylo)-1-cykloheksylo-3,3-dimetyloheksan	
r)	*trans*-1-(1,1-dimetyloetylo)-4-jodocykloheksan	*trans*-1-*tert*-butylo-4-jodocykloheksan
s)	1,1’-bi(cykloheksan), cykloheksylocykloheksan	
t)	bicyklo[2.2.2]oktan	
u)	bicyklo[3.2.1]oktan	
v)	3,3-dimetylobicyklo[3.3.0]oktan	
w)	2,7,8-trichlorobicyklo[4.2.1]nonan	
x)	spiro[3.5]nonan	
y)	2,2-dimetylospiro[4.5]dekan	
z)	2,7-dimetylospiro[4.5]dekan	