





















有機分子結構學習單





刪除表中的化學式和名稱，讓學生根據 QR 碼呈現的 AR，繪出結構式並命名。 萬芳高中陳怡宏老師設計





填入分子式			
畫出結構式			
命名			
			
			





C_4H_{10}	C_5H_{12}	C_5H_{12}	C_5H_{12}
2-甲基丙烷	戊烷	2-甲基丁烷	2,2-二甲基丙烷
2-methylpropane	pentane	2-methylbutane	2,2-dimethylpropane
			





C_6H_{14}	C_6H_{14}	C_6H_{14}	C_6H_{14}
己烷	2-甲基戊烷	3-甲基戊烷	2,2-二甲基丁烷
hexane	2-methylpentane	3-methylpentane	2,2-dimethylbutane
			





C_6H_{14}	C_2H_4	C_3H_6	C_4H_8
2,3-二甲基丁烷	乙烯	丙烯	1-丁烯
2,3-dimethylbutane	ethene	propene	1-butene
			





C_4H_8	C_4H_8	C_4H_8	C_5H_{10}
順-2-丁烯	反-2-丁烯	2-甲基丙烯	1-戊烯
cis-2-butene	trans-2-butene	2-methylpropene	1-pentene
			





C_5H_{10}	C_5H_{10}	C_5H_{10}	C_5H_{10}
順-2-戊烯	反-2-戊烯	2-甲基-1-丁烯	2-甲基-2-丁烯
cis-2-pentene	trans-2-pentene	2-methyl-1-butene	2-methyl-2-butene
			





C_5H_{10}	C_6H_6	C_2H_2	C_3H_4
3-甲基-1-丁烯	苯	乙炔	丙炔
3-methyl-1-butene	benzene	ethyne	propyne
			

C_4H_6	C_4H_6	C_5H_8	C_5H_8
1-丁炔	2-丁炔	1-戊炔	2-戊炔
1-butyne	2-butyne	1-pentyne	2-pentyne
			

C_5H_8	C_5H_8	C_6H_{10}	C_8H_{10}
3-甲基-1-丁炔	環戊烯	環己烯	1,2-二甲苯
3-methyl-1-butyne	cyclopentene	cyclohexene	1,2-dimethylbenzene
			

C_8H_{10}	C_8H_{10}	C_8H_{10}	C_3H_6
1,3-二甲苯	1,4-二甲苯	乙苯	環丙烷
1,3-dimethylbenzene	1,4-dimethylbenzene	ethylbenzene	cyclopropane
			

C_4H_8	C_4H_8	C_5H_{10}	C_5H_{10}
環丁烷	甲基環丙烷	環戊烷	甲基環丁烷
cyclobutane	methylcyclopropane	cyclopentane	methylcyclobutane
			

C_5H_{10}	C_5H_{10}	C_5H_{10}	C_5H_{10}
乙基環丙烷	1,1-二甲基環丙烷	順-1,2-二甲基環丙烷	反-1,2-二甲基環丙烷
ethylcyclopropane	1,1-dimethylcyclopropane	cis-1,2-dimethylcyclopropane	trans-1,2-dimethylcyclopropane
			

$C_{10}H_8$	$C_{12}H_{10}$	$C_{14}H_{10}$	$C_{14}H_{10}$
萘	聯苯	蔥	菲
naphthalene	biphenyl	anthracene	phenanthrene
