





	01 = 16
	Ch5-18
( MESO)	If a molecule has 2 or more chival centers, but the
Compound	molecule has a plane of symmetry, then (meso).
HINT:	if a molecule has an odd # of C, then draw out perspective chain and evaluate for plane
	draw out zigzag chain and evaluate for plane
	of symmetry.
	if there are an even # of C, then draw.
	perspective chain in eclipsed form
	R
Cn	can identify (Symmetry)
	s (molecule is meso and NOT chiral (achiral)
C,	redraw ?
0	
	hot symmetric : chival
S	Name: could be (3R,55) or (35,5R)
	Name: could be (3R,55) or (35,5R) alphabetrally R is befores
	(3R,55)-3,5-dimethylheptane
	5 stereochemistry descriptor (#R) - or (#R, #R) - (name)
	5 5 5

	Alternative explanation of 'meso' that might be easier to understand
	Ch5-18a
	(MESO compound)
	If a stereosomer and its mirror image compound
	have the same name, then the stereoisomer and its
	mirror image are identical (i.e. superimposable)
	and the molecule: is NOT CHIRAL
	Example
A	Br B is presumed minor image
	S RS OF B
	Br Br
	Nome A Name B
	(2R,35) - 2,3-dibromobutane (2R,35)-2,3-dibromobutane
	R gets lowest #
or many	before 3
	@ & B are identical, but contain sterco isomers
***	: A) is a meso compound.
	B) 19 a 11
	A = B
	Is the example from before MESOP
	Ts =
(C6)	O Draw "enantioner" RR
	(35,45) - @ Assign R/S to (3R,4R) - chiral Contens
	3 Names => Different
	i enantiamers
	SS - BR



