

# 2.4 Isomers

Organic

Draw all possible isomers for C<sub>6</sub>H<sub>14</sub> assuming there are no rings and no multiple bonds

### Organic

## 2.5 Isomers

Draw the five possible isomers for C<sub>5</sub>H<sub>10</sub> assuming there is one ring

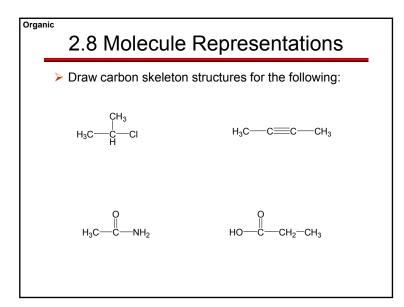
# Drganic 2.6 Molecule Representations Expanded formulas Condensed formulas Carbon skeleton formulas (stick drawings)

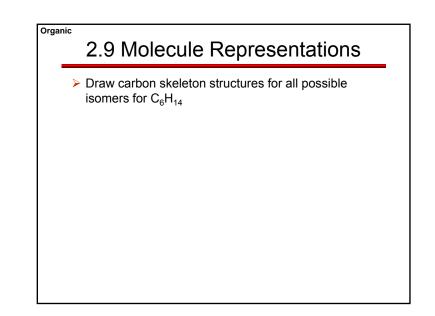
# 2.7 Molecule Representations

Carbon skeleton formulas (stick drawings) for butane and 2-methylpropane

≻ C<sub>2</sub>H<sub>6</sub>O

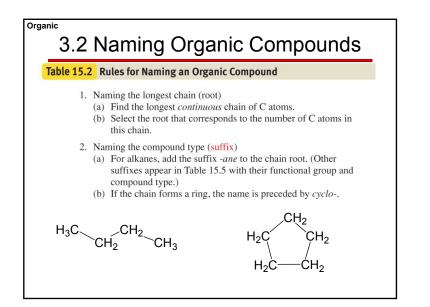
Organic

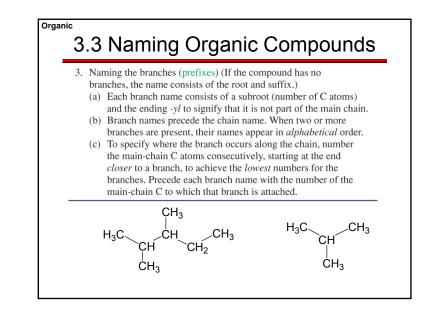




Orga	2.10 Molecule Representations		
	Draw carbon skeleton structures for the five possible isomers for C <sub>5</sub> H <sub>10</sub> assuming there is one ring		

Organ	3.1 Naming Hydrocarbons				
	Roots	Number of C atoms			
	meth-	1			
	eth-	2			
	prop-	3			
	but-	4			
	pent-	5			
	hex-	6			
	hept-	7			
	oct-	8			
	non-	9			
	dec-	10			





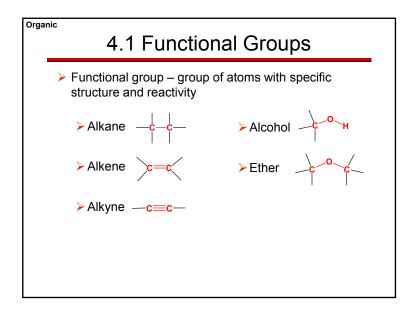
### <sup>Organic</sup> 3.4 Naming Organic Compounds

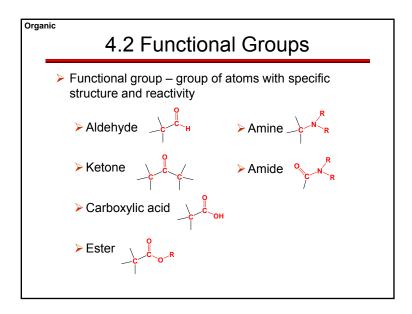
> Name all possible isomers for  $C_6H_{14}$ 

### Organic

# 3.5 Naming Organic Compounds

Name the five possible isomers for C<sub>5</sub>H<sub>10</sub> assuming there is one ring





4.3 Naming Functional Groups				
PREFIX + ROOT + SUFFIX				
	Functional group	Suffix		
	alkane	-ane		
	alkene	-ene		
	alkyne	-yne		
	alcohol	-ol		
	ether	ether		
	aldehyde	-al		
	ketone	-one		
	carboxylic acid	-oic acid		
	ester	-oate		
	amine	-amine		
	amide	-amide		
	nitrile	-nitrile		

