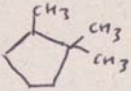

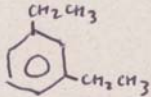
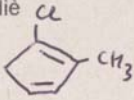
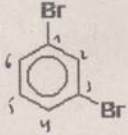
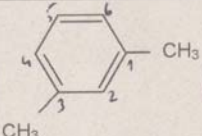
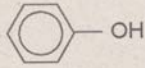
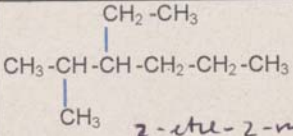
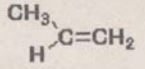

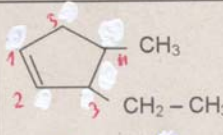
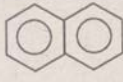
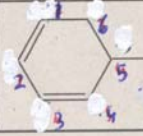


Solucions exercicis addicionals formulació i nomenclatura orgànica

1. Formula les substàncies següents:

1,3,3- trimetilciclopentà 	1,3-ciclohexà hexadiè 
2-etil-1-butanol $\text{CH}_3\text{CH}_2\overset{\text{CH}_2\text{CH}_3}{\underset{ }{\text{CH}}}\text{CH}_2\text{OH}$	3-etil-2,3-dimetil-1,4-pentadiè $\text{H}_2\text{C}=\overset{\text{CH}_3}{\underset{ }{\text{C}}}-\overset{\text{CH}_3}{\underset{\text{CH}_2\text{CH}_3}{ }{\text{C}}}-\text{CH}=\text{CH}_2$
2,3-dimetil-1-butè $\text{H}_2\text{C}=\overset{\text{CH}_3}{\underset{ }{\text{C}}}-\overset{\text{CH}_3}{\underset{ }{\text{C}}}\text{CH}_3$	1,3-dietilbenzè 
pentanol $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{OH}$	butanal $\text{CH}_3\text{CH}_2\text{CH}_2\overset{\text{O}}{\parallel}{\text{C}}\text{H}$
3,3-dimetil-1-pentí $\text{HC}\equiv\text{C}-\overset{\text{CH}_3}{\underset{\text{CH}_3}{ }{\text{C}}}-\text{CH}_2-\text{CH}_3$	2-buten-1-ol $\text{CH}_2\overset{\text{OH}}{\underset{ }{\text{C}}}\text{H}=\text{CH}-\text{CH}_3$
decà $\text{CH}_3-(\text{CH}_2)_8-\text{CH}_3$	etanoat de metil $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-\text{CH}_3$
àcid acètic $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH}$	butilamina $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{NH}_2$
1-cloro-2-metil-1,3-ciclopentadiè 	2,3,4-trimetilpentà $\text{CH}_3\overset{\text{CH}_3}{\underset{ }{\text{CH}}}\overset{\text{CH}_3}{\underset{ }{\text{CH}}}-\overset{\text{CH}_3}{\underset{ }{\text{CH}}}-\text{CH}_3$
2,3-dimetil-5-propildecà $\text{CH}_3\overset{\text{CH}_3}{\underset{ }{\text{CH}}}\overset{\text{CH}_3}{\underset{ }{\text{CH}}}-\text{CH}_2-\overset{\text{CH}_2\text{CH}_2\text{CH}_3}{\underset{ }{\text{CH}}}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$	Acetat de sodi $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}^-\text{Na}^+$
2-metilpropanamida $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{NH}_2$	Àcid 2-aminopropanoic (alanina) $\text{CH}_3-\overset{\text{H}}{\underset{\text{NH}_2}{ }{\text{C}}}-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH}$

2. Anomena els compostos orgànics següents:

$\text{CH}_3\text{-CH}_3$ <i>età</i>	$\text{CH}_3\text{-CH}_2\text{-CH}=\text{CH}_2$ <i>1-butè</i>
$\text{CH}_2=\text{CH-CH}_2\text{-CH}=\text{CH-CH}_3$ <i>1,4-hexadiè</i>	 <i>1,3-dibromobenzè</i>
 <i>1,3-dimetilbenzè</i> <i>(m-xilè)</i>	 <i>fenol</i>
$\text{CH}_3\text{CH}_2\text{-CH(CH}_3\text{)-CH}_2\text{-OH}$ <i>2-metilbutanol</i>	$\text{CH}_3\text{-CH}_2\text{-O-CH}_2\text{-CH}_3$ <i>diètil èter</i>
 <i>3-ètil-2-metilhexà</i>	$\text{H}_3\text{C-CO-CH}_2\text{-H}_2\text{C-C}\equiv\text{C-CH}_3$ <i>5-hept-2-ina</i>
 <i>propè</i>	$\text{CH}_3\text{-CH}_2\text{-C(=CH}_2\text{)-CH}_3$ <i>2-pentí</i>
 <i>metanamida</i>	 <i>3-ètil-4-metilciclopentà</i>
$\text{CH}_3\text{-CH}_2\text{-COOH}$ <i>àcid propanoic</i>	HOOC-COOH <i>àcid etanoic</i>
CHCl_3 <i>triclorometà</i> <i>(cloroform)</i>	$\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-COO-CH}_2\text{-CH}_2\text{-CH}_3$ <i>butanoat de propil</i>
 <i>nftalè</i>	 <i>5-ètil-1,3-ciclohexadiè</i>