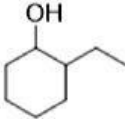
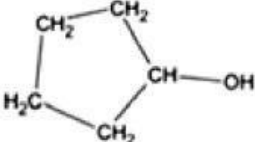
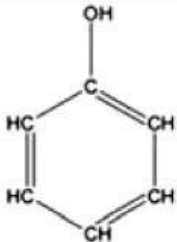


Spirti. Iedalījums un nosaukšana

1. uzdevums Nosaki spirtu veidu!

		Spirti					Fenols
		Vienvērtīgs	Daudzvērtīgs	Piesātināts	Nepiesātināts	Cikliskis	
a)	$ \begin{array}{cccc} & \text{H} & \text{OH} & \text{H} & \text{H} \\ & & & & \\ \text{H} & - \text{C} & - \text{C} & - \text{C} & - \text{C} - \text{H} \\ & & & & \\ & \text{H} & \text{H} & \text{H} & \text{H} \end{array} $						
b)	$ \begin{array}{c} \text{CH}_3 \\ \\ \text{H}_3\text{C} - \text{CH} - \text{CH} - \text{CH}_3 \\ \\ \text{OH} \end{array} $						
c)							
d)							
e)	$ \begin{array}{ccccccc} \text{H}_3\text{C} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_3 \\ & & & & & & & & & & \\ & & \text{OH} & & & & & & \text{OH} & & \end{array} $						
f)	$ \begin{array}{ccccccc} \text{H}_3\text{C} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_2 & - & \text{OH} \\ & & & & & & & & & & \\ & & \text{CH}_3 & & & & \text{CH}_3 & & & & \end{array} $						
g)							
h)	$ \begin{array}{c} \text{OH} \\ \\ \text{HC} = \text{CH} - \text{CH}_2 - \text{CH}_3 \\ \\ \text{CH}_2 \end{array} $						
i)							
j)	$ \begin{array}{c} \text{CH}_2 - \text{CH}_3 \\ \\ \text{H}_3\text{C} - \text{C} \equiv \text{C} - \text{CH}_2 - \text{CH} - \text{OH} \end{array} $						

2.uzdevums Nosauc spirtus pēc IUPAC nomenklatūras!

a)	$ \begin{array}{cccc} & \text{H} & \text{OH} & \text{H} & \text{H} \\ & & & & \\ \text{H} & - \text{C} & - \text{C} & - \text{C} & - \text{C} - \text{H} \\ & & & & \\ & \text{H} & \text{H} & \text{H} & \text{H} \end{array} $	
b)	$ \begin{array}{ccccccc} & & & \text{CH}_3 & & & \\ & & & & & & \\ \text{H}_3\text{C} & - \text{CH} & - \text{CH}_2 & - \text{CH} & - \text{CH}_2 & - \text{OH} \\ & & & & & & \\ & \text{CH}_3 & & & & & \end{array} $	
c)	$ \begin{array}{ccccccc} \text{OH} & & & \text{CH}_3 & & & \\ & & & & & & \\ \text{H}_2\text{C} & - \text{CH}_2 & - \text{CH} & - \text{CH} & - \text{CH} & - \text{CH}_3 \\ & & & & & & \\ & & \text{CH}_3 & & \text{CH}_3 & & \end{array} $	
d)	$ \begin{array}{c} \text{OH} \\ \\ \text{CH} \\ / \quad \backslash \\ \text{HC} \quad \text{CH}_2 \\ \quad / \quad \backslash \\ \text{CH}_2 \quad \text{CH}_3 \end{array} $	
e)	$ \begin{array}{ccccccc} & & & & \text{CH}_2 & - \text{CH}_3 \\ & & & & & \\ & & & \text{CH}_2 & - \text{HC} & \\ & & & & & \\ & & & & \text{OH} & \\ \text{H}_3\text{C} & - \text{C} \equiv \text{C} & - \text{CH}_2 & & & \end{array} $	