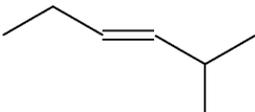
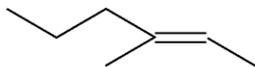
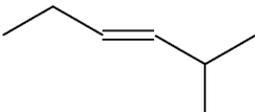
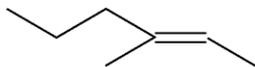


Quiz (Nomenclature of Alkene)

Compound	IUPAC name
$\begin{array}{c} \text{CH}_3 \\ \\ (\text{CH}_3)_2\text{CHCHCH}_2\text{CH}=\text{CH}_2 \end{array}$	
$\begin{array}{c} \text{CH}_2 \\ \\ \text{CH} \\ \\ \text{CH}_3\text{CH}_2\text{CHCH}_2\text{CH}_2\text{CH}_3 \end{array}$	
$\begin{array}{c} \text{CH}_3 \\ \diagdown \\ \text{CH} - \text{CH} = \text{CH} - \text{CH}_3 \\ \diagup \\ \text{CH}_3 \end{array}$	
	
$\begin{array}{c} \text{Cl} \\ \\ \text{CH}_2 = \text{CCH}_2\text{CH}_3 \end{array}$	
$\begin{array}{c} \text{CH}_3\text{CH}_2 \quad \quad \text{CH}_2\text{I} \\ \diagdown \quad \quad \diagup \\ \text{C} = \text{C} \\ \diagup \quad \quad \diagdown \\ \text{H} \quad \quad \quad \text{H} \end{array}$	
	
$\begin{array}{c} \text{CH}_3 \\ \diagdown \\ \text{C} = \text{CH} - \text{CH}_2 - \text{CH}_3 \\ \diagup \\ \text{CH}_3 \end{array}$	

Suggested Answer

Compound	IUPAC name
$\begin{array}{c} \text{CH}_3 \\ \\ (\text{CH}_3)_2\text{CHCHCH}_2\text{CH}=\text{CH}_2 \end{array}$	4,5-dimethylhex-1-ene
$\begin{array}{c} \text{CH}_2 \\ \\ \text{CH} \\ \\ \text{CH}_3\text{CH}_2\text{CHCH}_2\text{CH}_2\text{CH}_3 \end{array}$	3-ethylhex-1-ene
$\begin{array}{c} \text{CH}_3 \\ \diagdown \\ \text{CH} - \text{CH} = \text{CH} - \text{CH}_3 \\ \diagup \\ \text{CH}_3 \end{array}$	4-methylpent-2-ene
	2-methylhex-3-ene
$\begin{array}{c} \text{Cl} \\ \\ \text{CH}_2 = \text{CCH}_2\text{CH}_3 \end{array}$	2-chlorobut-1-ene
$\begin{array}{c} \text{CH}_3\text{CH}_2 \quad \quad \text{CH}_2\text{I} \\ \diagdown \quad \quad \diagup \\ \text{C} = \text{C} \\ \diagup \quad \quad \diagdown \\ \text{H} \quad \quad \quad \text{H} \end{array}$	1-iodopent-2-ene
	3-methylhex-2-ene
$\begin{array}{c} \text{CH}_3 \\ \diagdown \\ \text{C} = \text{CH} - \text{CH}_2 - \text{CH}_3 \\ \diagup \\ \text{CH}_3 \end{array}$	2-methylpent-2-ene