1. A diene is an alkene whose Lewis structure contains two double bonds. 

eg. 

\[
\begin{align*}
  &\text{CH}_2=CH-CH=CH_2 \\
  &\text{C}_6\text{H}_{12} \\
  &\text{CH}_2=CH-CH=CH_2
\end{align*}
\]

see also conjugated diene 

2. See Diels-Alder Reaction 

Contributors

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