

Name _____ Date _____

CARBON FUNCTIONAL GROUPS

Complete the following table about carbon functional group below.

Structure	Functional Group
$ \begin{array}{ccccc} & \text{H} & \text{H} & \text{H} & \\ & & & & \\ \text{H} & - \text{C} & - \text{C} & - \text{C} & - \text{H} \\ & & & & \\ & \text{H} & \text{H} & \text{H} & \end{array} $	
$\text{H}-\text{C}\equiv\text{C}-\text{H}$	
$ \begin{array}{c} \text{O} \\ \\ \text{CH}_3-\text{C}-\text{H} \end{array} $	
$ \begin{array}{c} \text{H} \quad \quad \text{H} \\ \diagdown \quad \diagup \\ \text{C} = \text{C} \\ \diagup \quad \diagdown \\ \text{H} \quad \quad \text{H} \end{array} $	
$ \begin{array}{c} \text{O} \\ \\ \text{H}-\text{C}-\text{H} \end{array} $	
$ \begin{array}{c} \text{O} \\ \\ \text{CH}_3-\text{C}-\text{CH}_3 \end{array} $	
$\text{CH}_3-\text{O}-\text{CH}_3$	