

Name _____ Date _____

CARBOXYLIC ACIDS

Write the formula and name of each structure.

Structure	Formula	Name
$\begin{array}{c} \text{O} \\ \parallel \\ \text{H} - \text{C} \\ \backslash \\ \text{OH} \end{array}$		
$\begin{array}{c} \text{H} \\ \\ \text{H} - \text{C} - \text{C} \begin{array}{l} \parallel \\ \text{O} \\ \backslash \\ \text{OH} \end{array} \\ \\ \text{H} \end{array}$		
$\begin{array}{c} \text{H} \quad \text{H} \\ \quad \\ \text{H} - \text{C} - \text{C} - \text{C} \begin{array}{l} \parallel \\ \text{O} \\ \backslash \\ \text{OH} \end{array} \\ \quad \\ \text{H} \quad \text{H} \end{array}$		
$\begin{array}{c} \text{H} \quad \text{H} \quad \text{H} \\ \quad \quad \\ \text{H} - \text{C} - \text{C} - \text{C} - \text{C} \begin{array}{l} \parallel \\ \text{O} \\ \backslash \\ \text{OH} \end{array} \\ \quad \quad \\ \text{H} \quad \text{H} \quad \text{H} \end{array}$		
$\begin{array}{c} \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \\ \quad \quad \quad \\ \text{H} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} \begin{array}{l} \parallel \\ \text{O} \\ \backslash \\ \text{OH} \end{array} \\ \quad \quad \quad \\ \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \end{array}$		
$\begin{array}{c} \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \\ \quad \quad \quad \quad \\ \text{H} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} \begin{array}{l} \parallel \\ \text{O} \\ \backslash \\ \text{OH} \end{array} \\ \quad \quad \quad \quad \\ \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \end{array}$		
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$\begin{array}{c} \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \\ \quad \quad \quad \quad \quad \quad \\ \text{H} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} \begin{array}{l} \parallel \\ \text{O} \\ \backslash \\ \text{OH} \end{array} \\ \quad \quad \quad \quad \quad \quad \\ \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \end{array}$		
$\begin{array}{c} \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \\ \quad \quad \quad \quad \quad \quad \quad \\ \text{H} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} - \text{C} \begin{array}{l} \parallel \\ \text{O} \\ \backslash \\ \text{OH} \end{array} \\ \quad \quad \quad \quad \quad \quad \quad \\ \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{H} \end{array}$		