

Naming and Drawing Organic Compounds Worksheet

Part 1: Naming Organic Compounds

- $$\begin{array}{c} \text{OH} \\ | \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\ | \\ \text{CH}_3 \end{array}$$
- $$\text{Br}-\overset{\text{Cl}}{\underset{|}{\text{CH}}}-\overset{\text{Cl}}{\underset{|}{\text{CH}}}-\text{CH}_3$$
- $$\begin{array}{c} \text{Br} \\ | \\ \text{H}_3\text{C}-\text{CH}-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH} \end{array}$$
- $$\begin{array}{c} \text{H}_3\text{C}-\overset{\text{CH}_3}{\underset{|}{\text{CH}}}-\text{C}\equiv\text{C}-\overset{\text{CH}_2-\text{CH}_3}{\underset{|}{\text{CH}}}-\text{CH}_2-\text{CH}_3 \end{array}$$
- $$\begin{array}{c} \text{H}_3\text{C}-\overset{\text{Cl}}{\underset{|}{\text{CH}}}-\text{CH}_2-\text{OH} \end{array}$$
- $$\begin{array}{c} \text{CH}_3 \\ | \\ \text{H}_3\text{C}-\text{CH}-\text{CH}_2-\text{CH}-\text{CH}_2-\text{CH}_3 \\ | \\ \text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3 \end{array}$$
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- $$\text{Br}-\overset{\text{Cl}}{\underset{|}{\text{CH}}}-\overset{\text{Cl}}{\underset{|}{\text{CH}}}-\text{CH}_3$$
- $$\begin{array}{c} \text{Br} \\ | \\ \text{H}_3\text{C}-\text{CH}-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH} \end{array}$$
- $$\begin{array}{c} \text{H}_3\text{C}-\overset{\text{CH}_3}{\underset{|}{\text{CH}}}-\text{C}\equiv\text{C}-\overset{\text{CH}_2-\text{CH}_3}{\underset{|}{\text{CH}}}-\text{CH}_2-\text{CH}_3 \end{array}$$
- $$\begin{array}{c} \text{H}_3\text{C}-\overset{\text{Cl}}{\underset{|}{\text{CH}}}-\text{CH}_2-\text{OH} \end{array}$$
- $$\begin{array}{c} \text{CH}_3 \\ | \\ \text{H}_3\text{C}-\text{CH}-\text{CH}_2-\text{CH}-\text{CH}_2-\text{CH}_3 \\ | \\ \text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3 \end{array}$$
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- $$\begin{array}{c} \text{H}_3\text{C}-\overset{\text{Cl}}{\underset{|}{\text{CH}}}-\text{CH}_2-\text{OH} \end{array}$$
- $$\begin{array}{c} \text{CH}_3 \\ | \\ \text{H}_3\text{C}-\text{CH}-\text{CH}_2-\text{CH}-\text{CH}_2-\text{CH}_3 \\ | \\ \text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3 \end{array}$$
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