

$C_4H_{10}$	Butane	
$C_5H_{12}$	Pentane	
$C_6H_{14}$	Hexane	
$C_7H_{16}$	Heptane	
$C_8H_{18}$	Octane	
$C_9H_{20}$	Nonane	
$C_{10}H_{22}$	Decane	

**Functional Groups:** the part of a molecule characterized by a special arrangement of atoms that is largely responsible for the chemical behavior of the parent molecule

Name	Functional Group	Model
Alcohol	-OH	
Aldehyde	-CHO	
Carboxylic acid	-COOH	
Amine	-NH <sub>2</sub>	

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## 2.8: Compounds in Review

\*Determining whether a compound is molecular or ionic...

1. Does the compound consist of only nonmetals? → Probably Molecular

