

Symbols:

Hearts = Name of Fxn. Group
Diamonds = General Formula
Spades = Shorthand Notation
Clubs = Specific Name ending or beginning

Rank Equivalence:

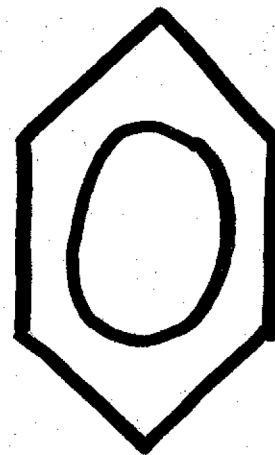
(King) - Carboxylic Acid
(Queen) - Ester
(Jack) - Amide
(10) - Aldehyde
(9) - Ketone
(8) - Alcohol
(7) - Amine
(6) - Alkene
(5) - Alkyne
(4) - Ether
(3) - Alkyl Halide
(2) - Ring Structures
(Ace) - Alkane
(Joker) - Benzene

Organic Chemistry

Functional Group
Playing Cards

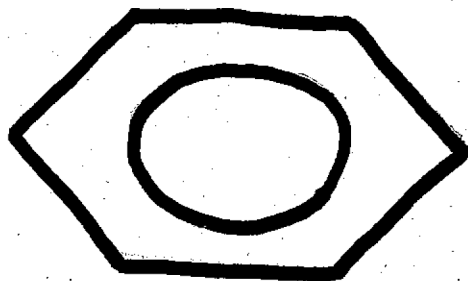
Equivalent to
(1) - 52 Card Deck

B
E
N
Z
E
N
E



B
E
N
Z
E
N
E

B
E
N
Z
E
N
E



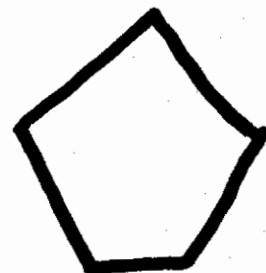
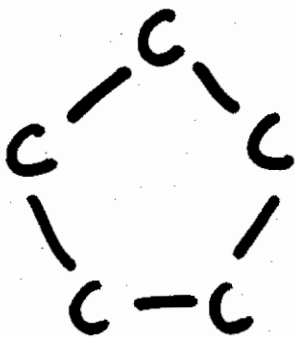
B
E
N
Z
E
N
E

-ane

Alkane



Ring Structures



cyclo-

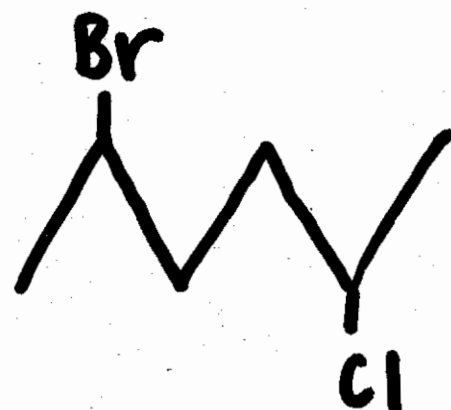
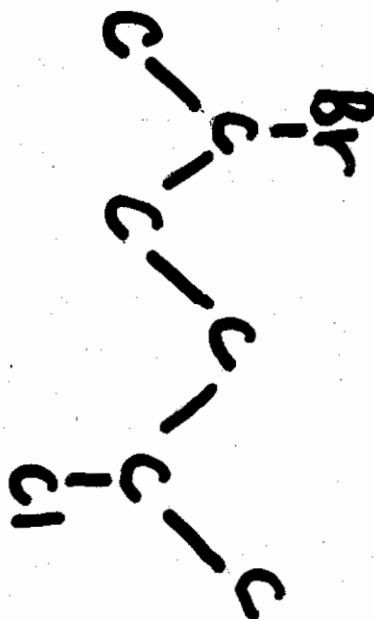
iodo-

chloro-

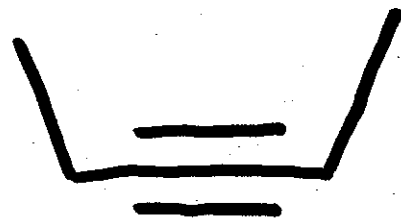
bromo-

fluoro-

Alkyl Halide



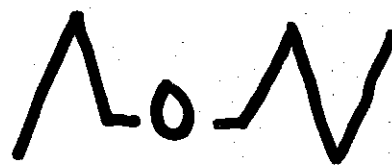
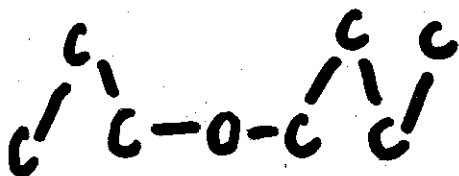
Alkyne



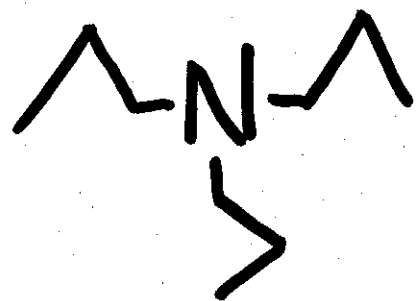
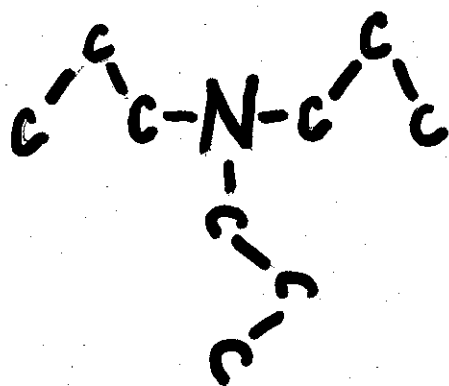
-yne

-ether

Ether



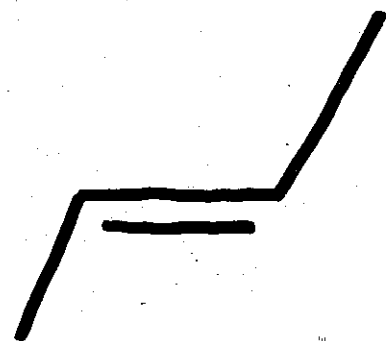
Amine



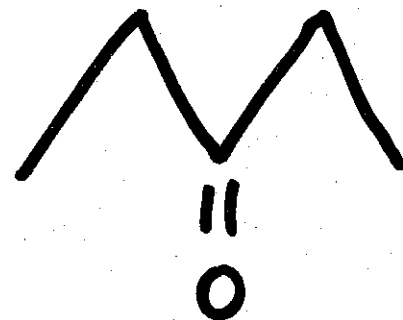
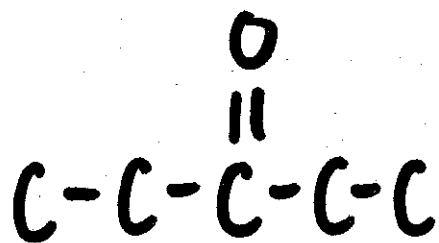
-amine

-ene

Alkene



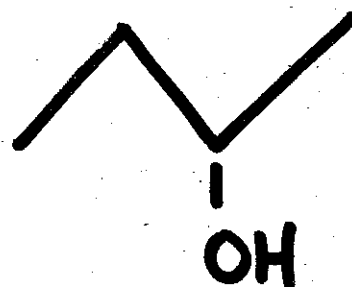
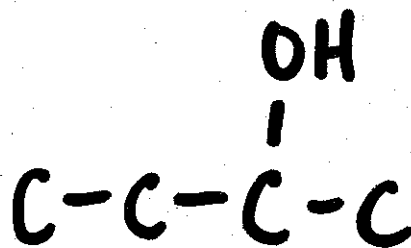
Ketone



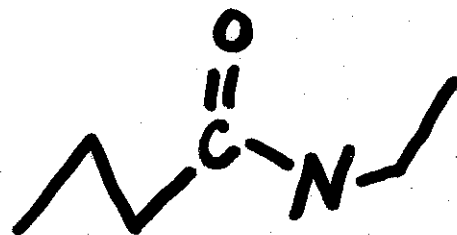
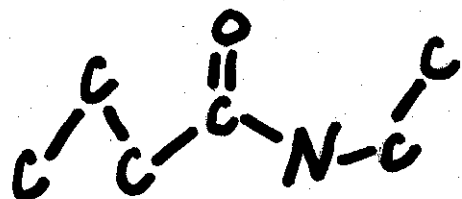
-one

-ol

Alcohol



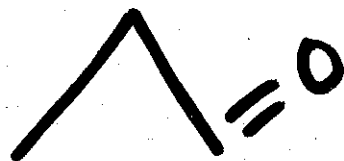
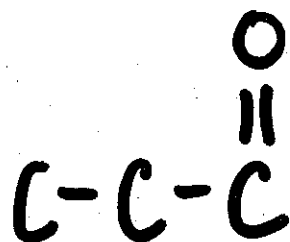
Amide



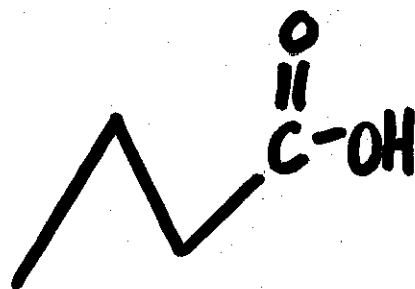
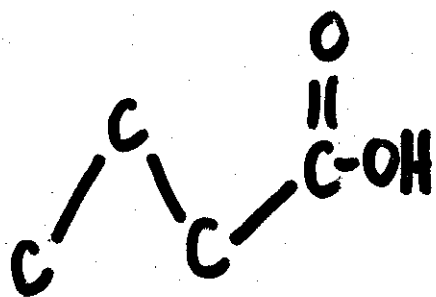
-amide

-al

Aldehyde



Carboxylic
Acid



-oic acid

-oate

Ester

