

Amines

Foldable Instructions

* Cut Here

1) Identify the number of carbons.

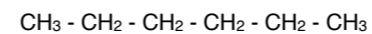
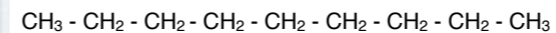
2) Use the appropriate IUPAC prefix with the ending _____.

1) Draw the number of _____ identified by the IUPAC prefix. Attach them each by a _____ bond.

2) _____ each carbon using a _____.

EXAMPLES

Name:



EXAMPLES

Draw:

pentane

octane

- Alkanes are characterized by a _____ carbon-carbon bond.
- Alkanes are _____ and contained no double or triple bonds.
- Alkanes always end with ' _____ '.

Foldable Instructions

* Fill in the
Blanks
Here

1) Identify the number of carbons.

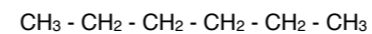
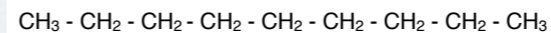
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1) Draw the number of _____
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them each by a _____ bond.

2) _____ each carbon using
a _____.

EXAMPLES

Name:



EXAMPLES

Draw:

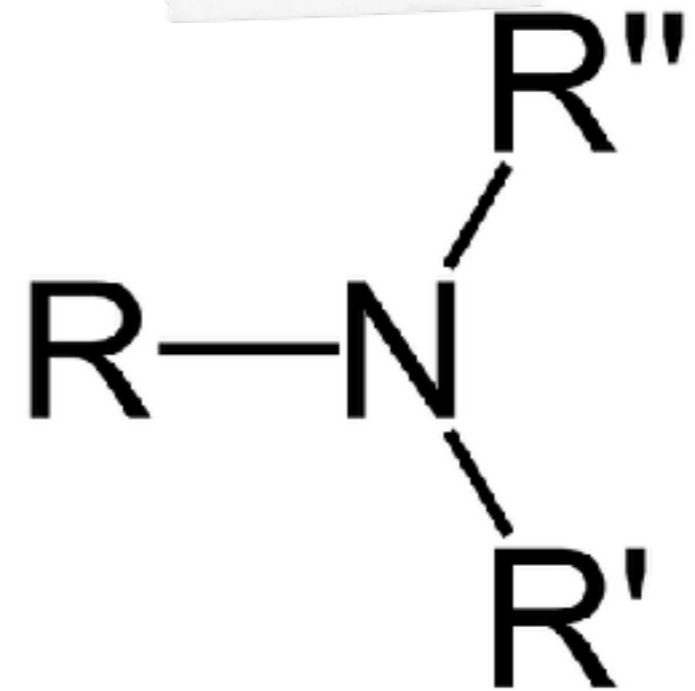
pentane

octane

- Alkanes are characterized by a _____ carbon-carbon bond.
- Alkanes are _____ and contained no double or triple bonds.
- Alkanes always end with ' _____ '.

Amines

- * Amines are characterized by an AMINE group.
- * The ending is always 'AMINE'.



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1) Identify the number of carbons.

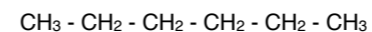
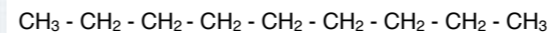
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1) Draw the number of _____
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2) _____ each carbon using
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EXAMPLES

Name:



EXAMPLES

Draw:

pentane

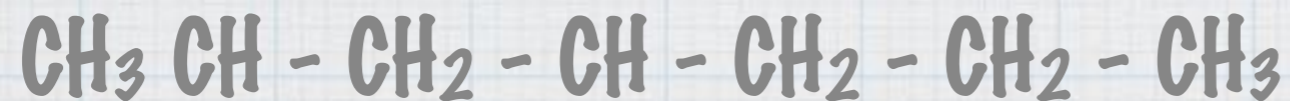
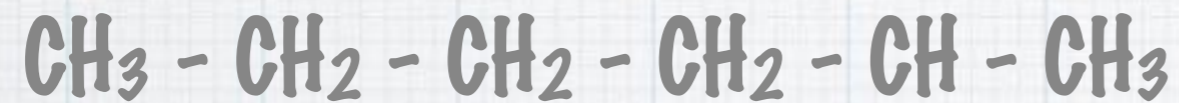
octane

- Alkanes are characterized by a _____ carbon-carbon bond.
- Alkanes are _____ and contained no double or triple bonds.
- Alkanes always end with ' _____ '.

Naming Amines

- * Identify the number of carbons.
- * Use the appropriate prefix with the ending amine.
- * Locate the amine group and identify its location using a number.
- * Name any additional side chains with the same numbering system.

Examples

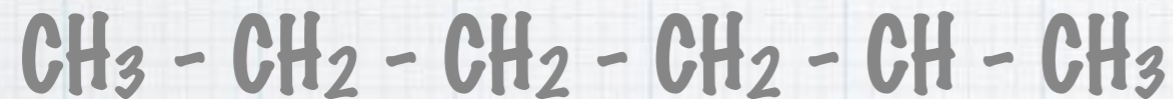


Examples

NH₂

|

Hexan-2-amine



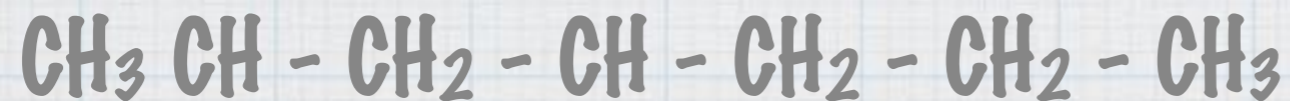
CH₃

|

NH₂

|

2-methylheptan-2-amine



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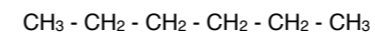
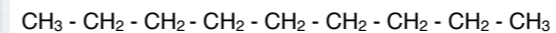
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Drawing Amines

- * Draw the number of carbons identified by the IUPAC prefix.
- * Draw a amine group in the location identified by the number.
- * Add any additional side chains.
- * Saturate each carbon using hydrogen.

Examples

octan-4-amine

2,3-dimethylpentan-1-amine