

STRUCTURAL ISOMERS
Experiment 12

A. Briefly define structural isomers.

B. For each compound listed below:

1. Write molecular formula.
2. Write condensed formulas for all structural isomers of each compound.
(Not all boxes need to be used)
3. Name each isomer.

a) Butane molecular formula: _____

Isomer 1 Name: _____	Isomer 2 Name: _____
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b) Pentane molecular formula: _____

Isomer 1 Name: _____	Isomer 2 Name: _____
Isomer 3 Name: _____	Isomer 4 Name: _____

c) Hexane

molecular formula: _____

Isomer 1 Name: _____	Isomer 2 Name: _____
Isomer 3 Name: _____	Isomer 4 Name: _____
Isomer 5 Name: _____	Isomer 6 Name: _____

