

Name \_\_\_\_\_

Period \_\_\_\_\_

### Homework on Organic Isomers

Draw the line structures for the following molecules and their isomers. Make sure to show all Hydrogen atoms! Then name them where a line appears for their name.

- 1) The two structural isomers of butane

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- 2) The three structural isomers of pentane.

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- 3) The five structural isomers of hexane.

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\_\_\_\_\_

4)  $C_2H_5OH$  and  $CH_3OCH_3$

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5) The three positional isomers of Pentanol.

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6) 1, 2- dibromobenzene, 1, 3- dibromobenzene, 1, 4- dibromobenzene

7) cis- dichloro ethene and trans dichloro ethene

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