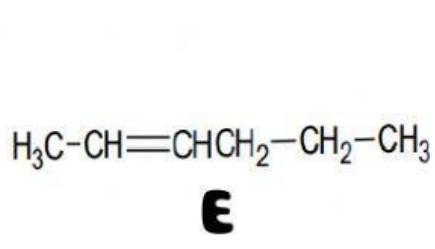
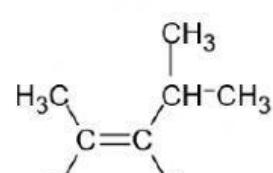
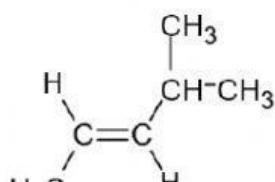
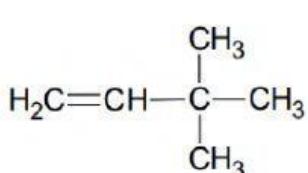


Name: \_\_\_\_\_

Set: \_\_\_\_\_

## ISOMERISM

1. The compounds below show the possible isomers of  $C_6H_{12}$  which contain a double bond.



(a) Select which isomer is chain isomer. \_\_\_\_\_

(b) Select which isomer is positional isomer. \_\_\_\_\_

(c) Select which isomer is functional isomer. \_\_\_\_\_

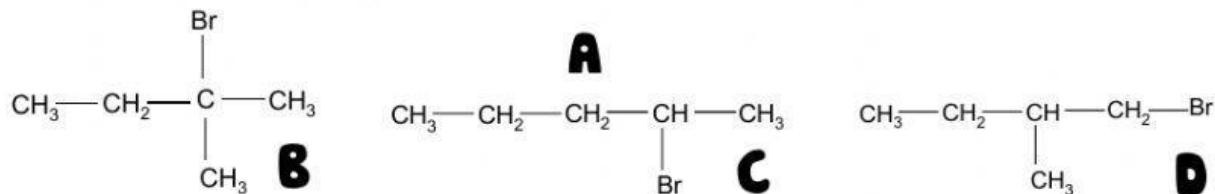
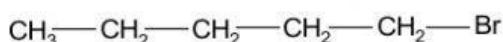
(d) Identify which 2 isomers show stereoisomerism, name the isomers and state the type of stereoisomerism shown.

Isomers: \_\_\_\_\_

Name of isomers: \_\_\_\_\_

Type of stereoisomerism: \_\_\_\_\_

2. The compounds below show the possible isomers of  $C_5H_{11}Br$ .



(a) Identify two molecules which are chiral. \_\_\_\_\_

(b) Explain briefly how they could be distinguished.

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