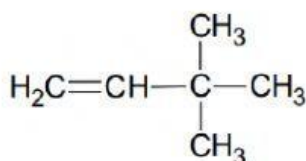
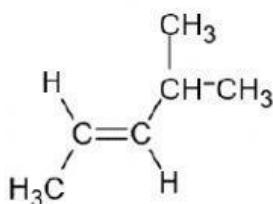
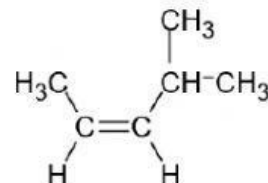
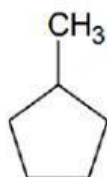
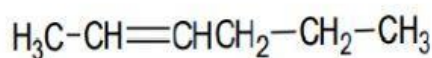


Name: _____

Set: _____

Isomerism

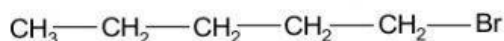
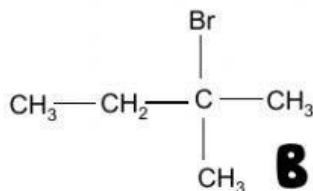
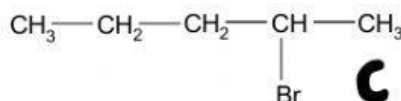
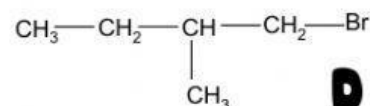
1. The compounds below show the possible isomers of C_6H_{12} which contain a double bond.**A****B****C****D****E**

- (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 $C_5H_{11}\text{Br}$.**A****B****C****D**

- (a) Identify two molecules which are chiral. _____
- (b) Explain briefly how they could be distinguished.
- _____