

D) acid

E) -oxide

6. Which one of the following molecules is named 3-propanamine.



G) None of the above

7. In which one of the following reactions can Zaitsev's Rule be applied?

A) Hydrolysis of alkyl halides B) Hydration of but-2-ene

C) Dehydration of butan-2-ol

D) Hydration of pentan-1-ene

8. Which reaction might form cis-trans isomers?

A) addition to an alkene

B) addition to an alkyne

C) elimination of benzene

D) reduction of an alcohol

E) substitution of an alkane

9. How are the following molecules, cis-CHBr=CHCH₂CH₃ and trans-CHBr=CHCH₂CH₃ related?

A) enantiomers B) non-superimposable mirror images

C) not isomeric

D) diastereoisomers E) constitutional isomers

10. The formation of a condensation polymer generally involves _____

A) the addition of a plasticizer

B) the mixing of sulfur with an addition polymer

C) the elimination of a small molecule

D) the vaporization of a plasticizer

E) the formation of significant crosslinking

Short Answer:

1. Draw line structural diagrams for each of the following. (8C)

Compound	Line Structure
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Drawing And Naming Molecules Review Answers

**Nelson, John Henry Nelson, Kenneth C.
Kemp, Kemp**

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