Match the structures below with the best description of the type of alkyl halide

A. PrimaryB. SecondarC. Tertiary	у	CH₃ (CH₃CH₂)₂C-Br
D. VicinalE. GeminalF. Aryl		
		CH₃CHCl CHCl CH₂CH₃

Provide <u>structures</u> of products for the following reactions. Include 3-dimensional stereochemistry and absolute configuration where appropriate. If more than one product is possible, circle that which is predominant.

A. (R) CH₃-CHBr-CH₂-CH₃ + OH
$$\rightarrow$$

$$CH_3$$
 CH_3
 $E2$
 Br + NaOH \Rightarrow

CH₃ CH₂-CH₂-CH₂-CH₃ + CH₃OH
$$\xrightarrow{S_N 1}$$

Name the following alkyl halides. $C(CH_3)_3$

CH₃-(CH₂)₃- C-(CH₂)₂CH₂ F