

1. (6 Points, 2 pt. each) Draw the structure for the following common names.

A) Chloroform	B) Isobutyl bromide	C) Allyl bromide
a-C-a	Br	Br

2. (15 Points) Complete the following Elimination/Substitution reactions by filling

the boxes with the appropriate organic major products.

A)
$$CI$$
 CH_3ONa S_{N2} $Show$ sterechemistry

B) CI CH_3ONa S_{N1} $Show$ sterechemistry

C) CH_3ONa E_2 Reaction

CH_3ONa

E1 Reaction

CH_3ONA

E1 Reaction

3. (4 Points) Provide all posibble elimination products for the following reaction and indicate which is the major product.

$$E_1$$
 Reaction E_2 E_2 E_3 E_4 E_4 E_5 E_7 E_8 E_8 E_9 E