• Classify the starting materials for the following reaction as nucleophile or electrophile in the boxes provided and draw the structure of the product.

Marks 3

$$CH_3$$
 CH_3
 $+$
 CH_3
 CH_3

• Draw the constitutional formula for each of the following compounds.

2

(E)-5-methylhex-2-ene

cis-1,2-dichlorocyclopentane