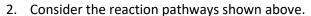
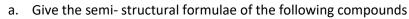


1. A 0.0112 gram sample of a pure alkene was dissolved in 20 mL of an appropriate solvent and placed in a conical flask. The sample was then titrated against a 0.0200 M bromine (Br_2) solution until the brown colouration of the bromine solution remained. An average titre of 10.00 mL was recorded. The reaction of the alkene and Br_2 is shown below.

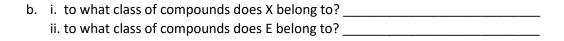
$$F + Br_2 \rightarrow FBr_2$$

Identify alkene F.





- J
- X
- E
- G
- _ V
- B



Conical flask

0.0112 grams of alkene

dissolved in 20 mL-of an

appropriate solvent

c. Give the condensed formula of butan-1-amine used to form G

d. Identify the type of reaction that forms:

- i. Y
- ii. G
- iii. E

e. Name the class of compounds Y belongs to.

f. Identify K _____