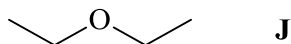
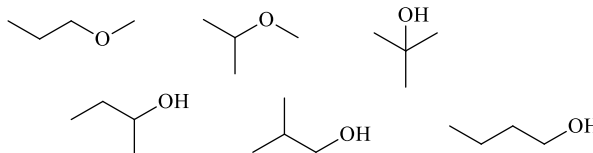
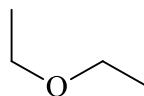


Marks
5

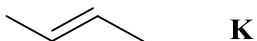
- Below is the structure of an ether, **J**.


 Draw a constitutional isomer of **J**.

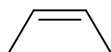
Any of the following:

 Draw a conformational isomer of **J**.

There is an infinite number of conformational isomers. Only one is given

 There are no configurational isomers of **J**. Why not?

As there are no rings, double bonds or stereogenic centres, the molecule does not have any diastereomers or enantiomers.

 Below is the structure of an alkene, **K**, which *does* have a configurational isomer.


Draw this configurational isomer.


 Name **K**, making sure your name distinguishes **K** from its isomer.

(E)-2-butene