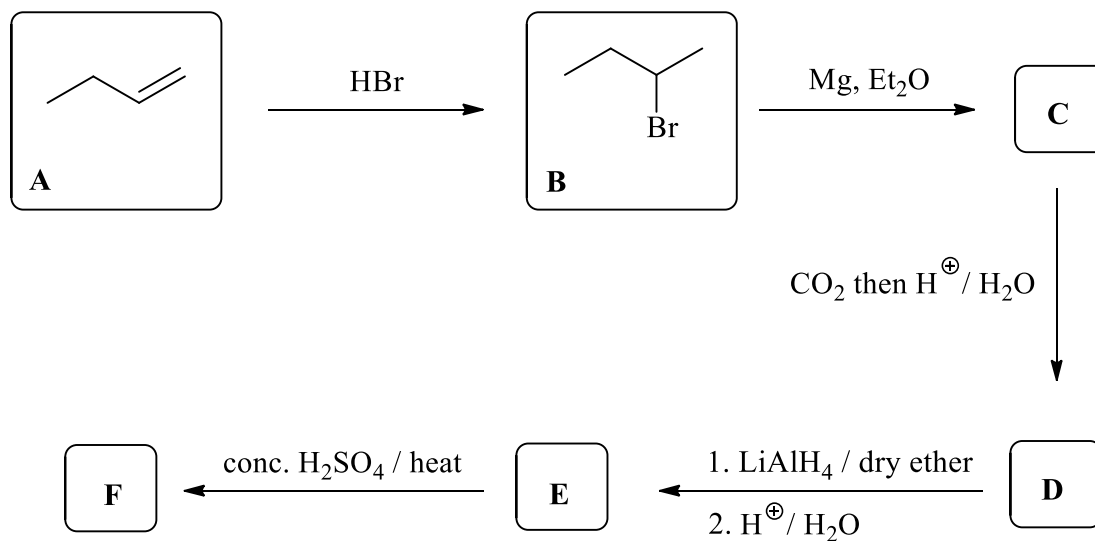


**Marks**  
**6**

- Consider the following reaction sequence beginning with the alkene **A**.



Suggest structures for compounds **C – F** in the reaction sequence above.

<b>C</b>	<b>D</b>
<b>E</b>	<b>F</b>

Describe the selectivity observed, and briefly explain the reasons for it, in the conversion of alkene **A** to compound **B**.