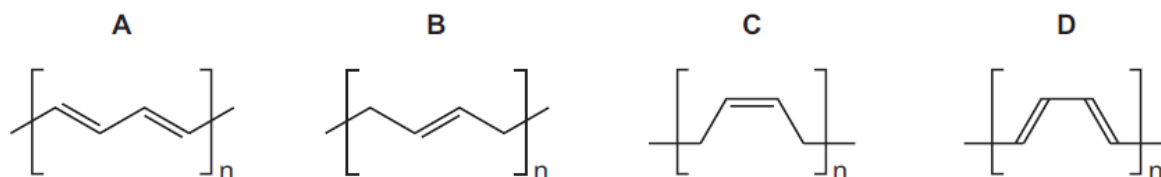


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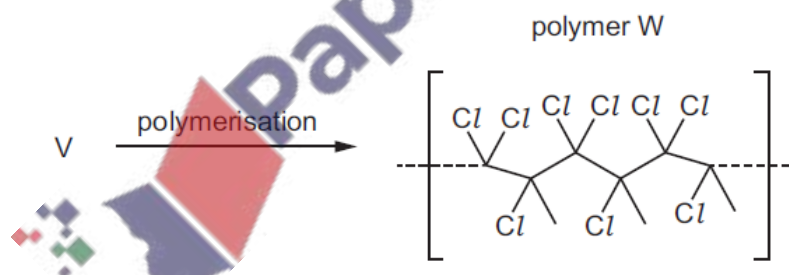
The monomer buta-1,3-diene can undergo addition polymerisation in various ways. Two of the polymers that can be made are called *cis*-poly(buta-1,3-diene) and *trans*-poly(buta-1,3-diene). In these names *cis* and *trans* have their usual meanings.

What is the structure of the repeat unit of *cis*-poly(buta-1,3-diene)?



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Compound V polymerises to form polymer W. A section of polymer W is shown.



What is the correct name of compound V?

- A 1,1,2-trichlorobutene
- B 1,1,2-trichloroethene
- C 1,1,2-trichloropropene
- D 1,1,2-trichloro-2-methylethene