

Worksheet 11.2

Addition polymers

1 a What is meant by the term 'addition polymerisation'?

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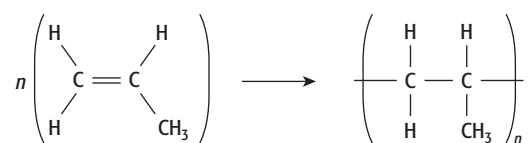
b How does addition polymerisation differ from other types of polymerisation?

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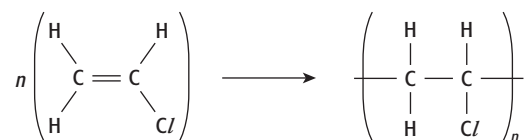
c How does ethene react to form the polymer poly(ethene)? Give an equation using structural formulae.

2 The following equations, A, B and C, show the formation of three different addition polymers.

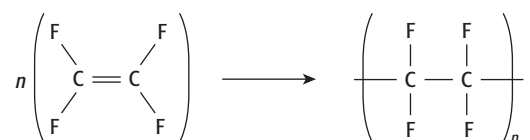
A



B



C



a What does the letter 'n' mean in the formula of the product?

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b Complete the following table by filling in the names of the monomer and polymer in each case, and give one use of each of the polymers.

	Name of monomer	Name of polymer	Use of polymer
A			
B			
C			