

GCSE Chemistry B (Twenty First Century Science)
J258/01 Breadth in Chemistry (Foundation Tier)

Question Set 28

Multiple Choice Questions

1

Ethene is a gas.

The formula of ethene is C₂H₄

(a) Name the **two** elements in ethene. [1]

(b) What is the **empirical** formula of ethene? [1]

Put a **ring** around the correct answer.

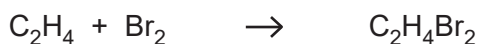
CH **CH₂** **C₂H₂** **C₂H₄** [1]

(c) Which homologous series does ethene belong to? [1]

Put a **ring** around the correct answer.

acids **alcohols** **alkanes** **alkenes** [1]

(d) Ethene reacts with bromine water to make dibromoethane. [1]



Complete the sentences below to describe this reaction.

Use words from the list.

Each word can be used once, more than once or not at all.

addition **colourless** **single**
displacement **oxidised** **double**

This type of reaction is called

The bromine water becomes

Ethene reacts because it contains a.....bond.

[3]

Total Marks for Question Set 28: 6

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