

GCSE Physics B (Twenty First Century Science)
J259/03 Depth in physics (Higher Tier)

Question Set 28

1 A low-carbon source causes very little carbon dioxide to be given off into the atmosphere.

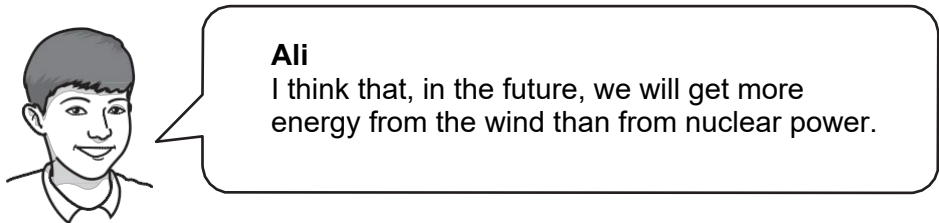
Some of the energy supplied to the UK comes from low carbon sources.

Fig. 2.1 shows how the percentage of UK energy supplied from low carbon sources has changed over time.

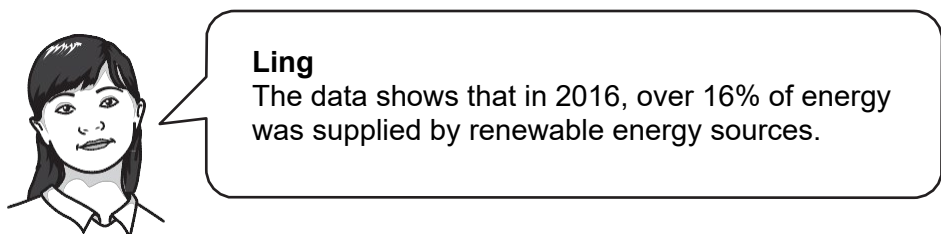


Fig. 2.1

- (a) (i) Describe the trend in the percentage of UK energy supplied by **biofuels**. [1]
- (ii) Suggest **one** reason for this trend. [1]
- (b) Ali and Ling discuss the trends shown in the data. [1]



- (i) Evaluate whether the evidence shown in **Fig. 2.1** supports Ali's statement. [2]



- (ii) State why Ling is **incorrect**. [1]
- (iii) Using **Fig. 2.1**, estimate the correct percentage of energy that was supplied by renewable energy sources in 2016. [1]

Percentage = % [1]

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