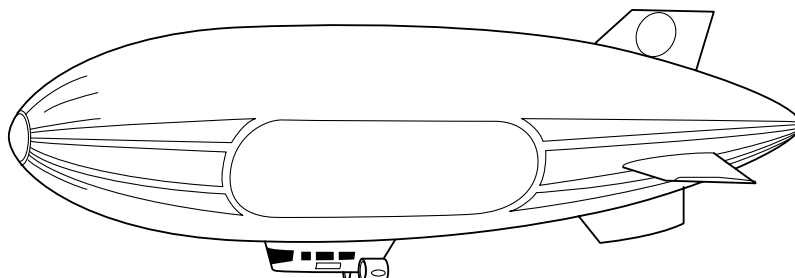


# Chapter 11 Exam-style questions

Question number	Section	Target	Level of demand
4	11.2	DA/SA	SD

Name \_\_\_\_\_ Class \_\_\_\_\_

4



**a)** Modern airships are filled with helium. In the 1930s airships were filled with hydrogen.

**(i)** Give **two** reasons why helium is used in modern airships.

1 \_\_\_\_\_

2 \_\_\_\_\_ *2 marks*

**(ii)** Which group of the periodic table contains helium? Use the periodic table to help you

\_\_\_\_\_ *1 mark*

**(iii)** Use the periodic table to help you name another element in the same group as helium.

\_\_\_\_\_ *1 mark*

**b)** The table below gives some information on the elements of Group 7.

Name of element	Description of element at room temperature.
Fluorine	Pale yellow gas
Chlorine	Yellowish-green gas
Bromine	Dark red-brown liquid with a dense brown vapour above it
Iodine	Grey solid
Astatine	

**(i)** What name is given to the elements of Group 7?

\_\_\_\_\_ *1 mark*

**(ii)** Predict the description of astatine and write it in the table. *2 marks*

**Total mark = 7**