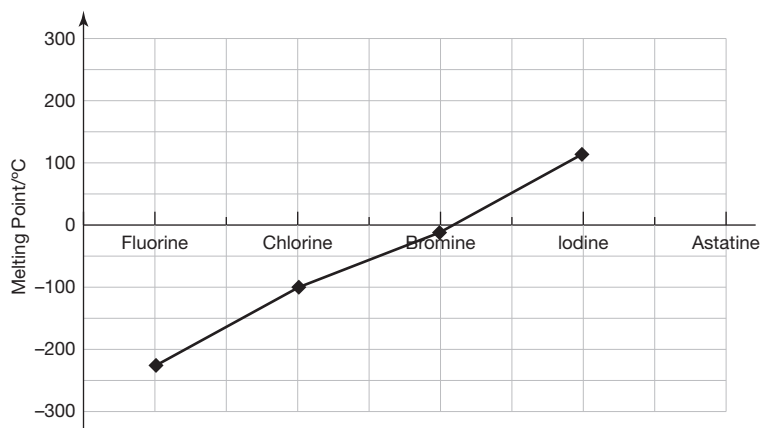


Atomic structure and the periodic table

Group 7 - the halogens

① The graph below shows the melting points of the first four halogens.



a Describe the trend in the melting points. (1 mark, ★★)

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b Which of the halogens are gases at room temperature (25°C)? (1 mark, ★★)

.....

c Predict the melting point of astatine. Show your working on the graph. (2 marks, ★★★)

.....

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d What is the relative molecular mass of a molecule of astatine? (1 mark, ★★)

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