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The table below shows some properties of one of the groups in the periodic table.

Table 1 - Features of a group from the periodic table.

Element	Melting point (°C)	Boiling point (°C)	Electron structure
W	-220	-188	2, 7
X	-101	-35	2, 8, 7
Y	-7	58	2, 8, 18, 7
Z	114	183	2, 8, 18, 18, 7

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Name the group of the periodic table that is shown.

[1 mark]

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Explain why these elements are part of the group you have named.

[2 marks]

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Describe and explain the trend in reactivity of the elements in this group.

[4 marks]

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0 2

Use table 1 above to answer the following question.

Element X is reacted with an aqueous salt made from element Y.

The letters are not the correct symbols for the elements.

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Explain what would happen in the reaction between element X and an aqueous salt made from element Y.

[2 marks]

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(Total 9 marks)

End