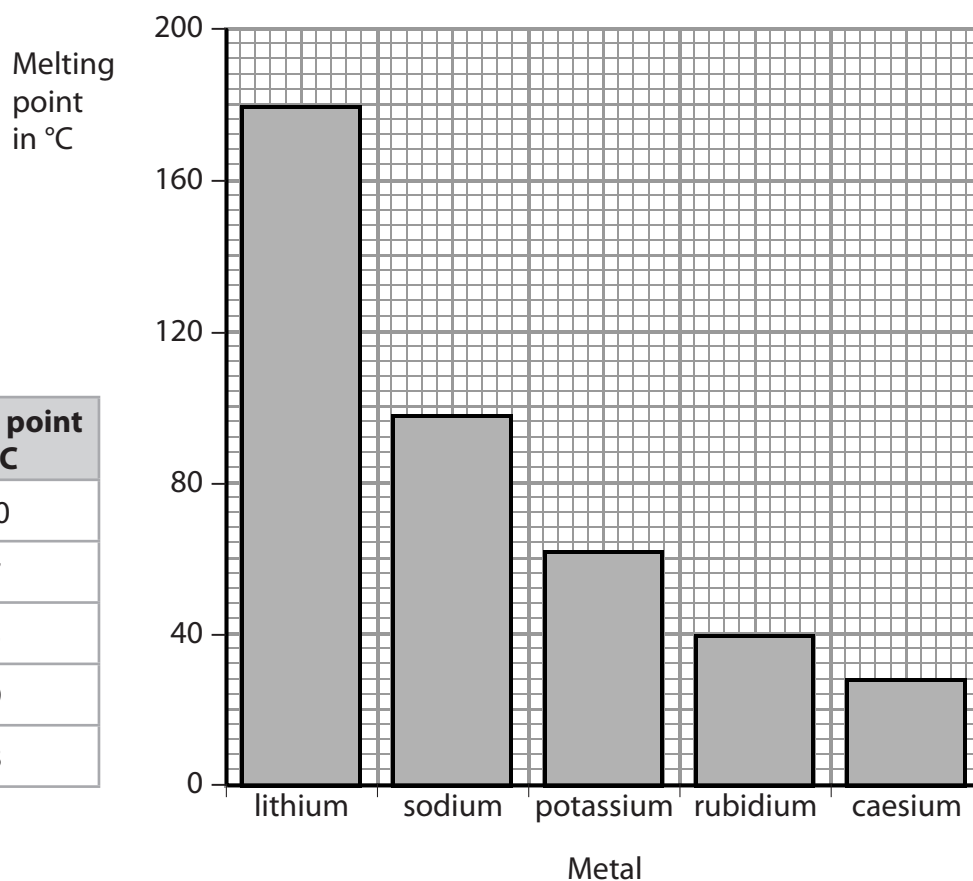


5 The table and graph show the melting points of different metals.

Metal	Melting point in °C
lithium	180
sodium	97
potassium	63
rubidium	39
caesium	28



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(a) (i) What is the name of the type of graph shown?

(1)

(ii) Give a reason why this is the correct way to display the data.

(1)



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(b) When these metals melt, they turn from a solid into a liquid.

- (i) Compare the arrangement and motion of particles in a solid and in a liquid.

You may draw a diagram to help your answer.

(4)

- (ii) Describe the changes that occur when a liquid boils to form a gas.

Refer to particles in your answer.

(2)

(Total for Question 5 = 8 marks)

