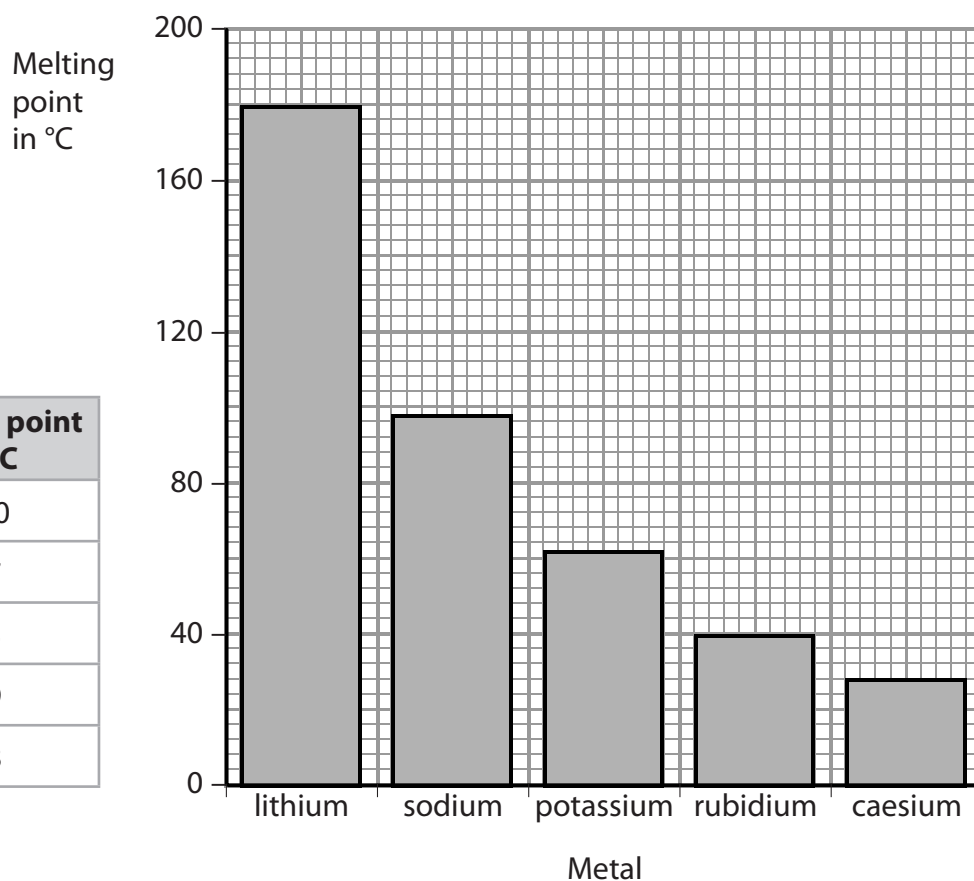


5 The table and graph show the melting points of different metals.

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



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(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)



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

(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)

