

# 9Aa ENVIRONMENTAL VARIATION

SB

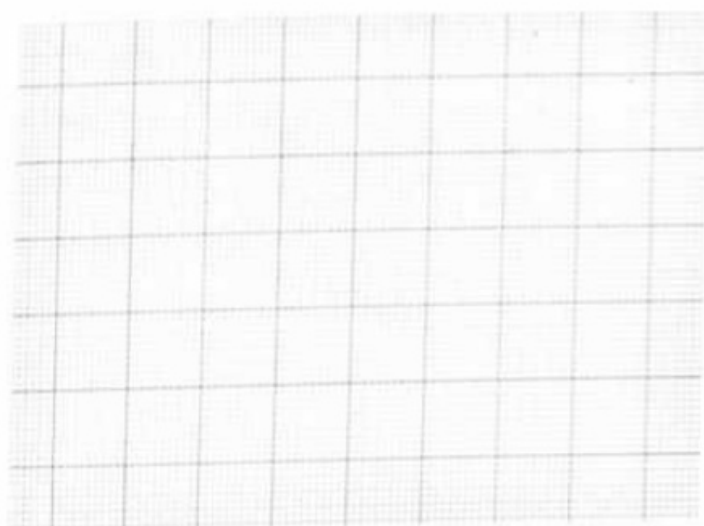
- 1 Describe two physical environmental factors in your environment at this moment.

Light, temperature, humidity, wind

- 2 The masses of 30 potatoes were measured and are shown in the box. All the potatoes were from the same variety of potato plant.

101 140 142 119 155 166 149 156 129 138 172 186 141 154 112  
165 78 174 138 170 125 121 143 157 147 130 150 185 126 102

- a Complete the tally chart to show the number of potatoes in each mass range.  
b Show the numbers of potatoes in each mass range on a bar chart.



Mass range (g)	Tally	Number of potatoes
100-119	///	3
120-139		7
140-159		12
160-179		6
180-199		2

- c Share your bar chart with others in your group. Write down one way you could improve your bar chart.

d Suggest how the variation could have been caused. amount of water, amount of mineral salts, amount of light the parent plants received.

- e Give the reason that this is an example of continuous variation.

The results can be any number between two points.