

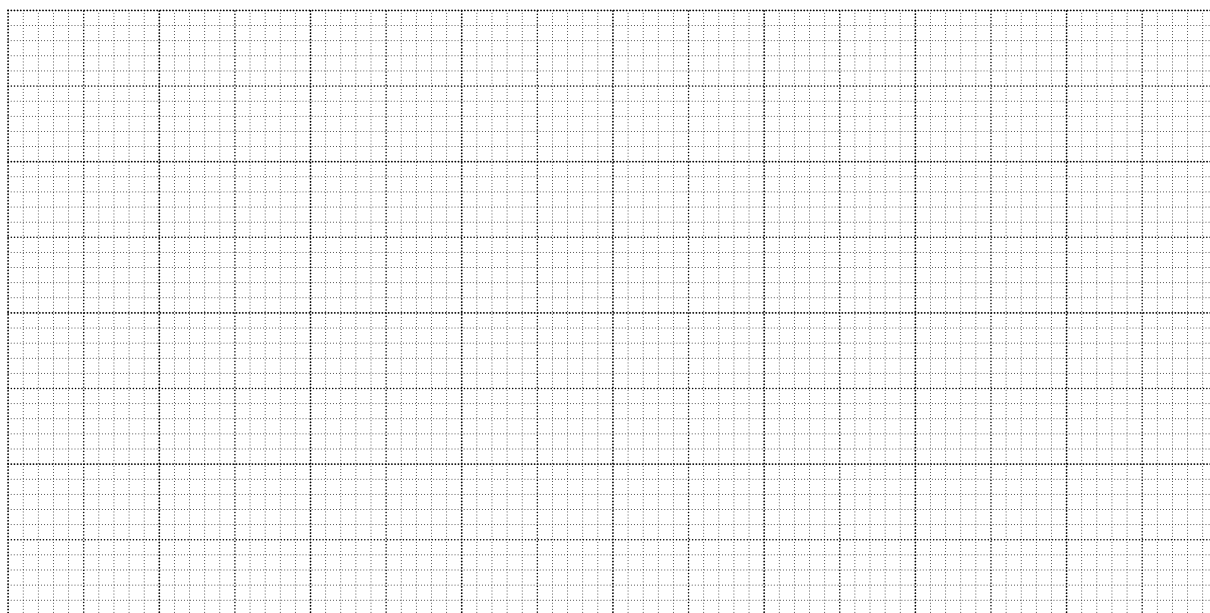
- 4 The weights in kilograms of packets of cereal were noted correct to 4 significant figures. The following stem-and-leaf diagram shows the data.

747		3	(1)
748		1 2 5 7 7 9	(6)
749		0 2 2 2 3 5 5 5 6 7 8 9	(12)
750		1 1 2 2 2 3 4 4 5 6 7 7 8 8 9	(15)
751		0 0 2 3 3 4 4 4 5 5 7 7 9	(13)
752		0 0 0 1 1 2 2 3 4 4 4	(11)
753		2	(1)

Key: 748 | 5 represents 0.7485 kg.

- (i) On the grid, draw a box-and-whisker plot to represent the data.

[5]



- (ii) Name a distribution that might be a suitable model for the weights of this type of cereal packet. Justify your answer.

[2]

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